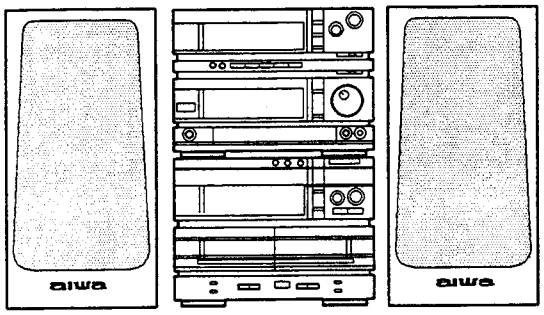
aiwa

NSX-D707

SERVICE MANUAL



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM : 2ZM – 3PR2N
- BASIC CD MECHANISM : KSM – 2101ABM
- TYPE. HE,LH,HR,E,K,Z,U

SYSTEM	AMPLIFIER TUNER	CASSETTE DECK CD PLAYER	REMOTE CONTROLLER	SPEAKER
NSX – D707 (TYPE : HE,HR,LH)	RX – N707	FD – N909	RC – TN707	SX – N707
———— (TYPE : E,K,Z)	RX – N707	FD – N909	RC – TN707	SX – N707
———— (TYPE : U)	RX – N707	FD – N707	RC – TN707	SX – N707

S/M Code No. 09 – 938 – 026 – 40T

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SPECIFICATIONS

TUNER/AMPLIFIER RX-N707

<FM section>

Frequency range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	1.8 µV (75 ohms) 16.2 dBf
Alternate channel selectivity	50 dB (±400 kHz)
Signal-to-noise ratio	68 dB (STEREO), 72 dB (MONO)
Harmonic distortion	0.3% (MONO), 1 kHz 0.8% (STEREO), 1 kHz
Frequency response	20 Hz to 15 kHz (+0.5 dB, –3 dB)
Stereo separation	35 dB at 1 kHz
Antenna	75 ohms (unbalanced)

<AM section>

Frequency range	531 (530) kHz to 1,602 (1,710) kHz
Usable sensitivity	400 µV/m
Selectivity	23 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

<MW section E, K, Z>

Frequency range	531 kHz to 1,602 kHz
Usable sensitivity	400 µV/m
Selectivity	23 dB (9 kHz)
Signal-to-noise ratio	53 dB (100 dB input)
Antenna	Loop antenna

<LW section E, K, Z>

Frequency range	144 kHz to 290 kHz
Usable sensitivity	1,000 µV/m
Antenna	Loop antenna

<Timer section and general>

Program timer	"Once" and/or "every" (independent setting)
Sleep timer	Capable of setting in 10 minute increments, 99 minutes maximum

<Amplifier section>

Power output	35 W + 35 W (6 ohms, T.H.D. 1%, 1 kHz)
Harmonic distortion	0.1% (25 W, 1 kHz, 6 ohms)
Input sensitivity (load impedance)	VIDEO 1/DAT: 300 mV (47 kohms with volume) VIDEO 2/AUX: 500 mV (47 kohms)
Power requirements	HE, LH, HR: 120/220/240 V AC selectable, 50/60 Hz U: 120 V AC, 60 Hz E, Z: 230 V AC, 50 Hz K: 240 V AC, 50 Hz
Power consumption	100 W
Dimensions (W × H × D)	HE, LH, HR, U: 260 × 198 × 330.5 mm (10¼ × 7⅞ × 13⅛ in.) E, K, Z: 260 × 198 × 333.5 mm (10¼ × 7⅞ × 13¼ in.)
Weight	6.0 kg (13.23 lbs.)

CASSETTE DECK/COMPACT DISC PLAYER FD-N909, N707

<Cassette deck section>

Track format	4 tracks, 2 channels
Frequency response	Metal tape: 20 – 17,000 Hz CrO_2 tape: 20 – 16,000 Hz Normal tape: 20 – 15,000 Hz
Signal-to-noise ratio	73 dB (Dolby C NR ON, metal tape peak level above 5 kHz)
Wow and flutter	0.4% (RMS) 0.25% (WRMS)
Tape speed	4.8 cm/sec. (1⅞ ips) 9.5 cm/sec. (double speed)
Recording system	AC bias
Erase system	AC erase
Motor	DC servomotor × 1
Heads	Playback head × 1 (deck 1) Record/playback/erase head × 1 (deck 2)

<Compact disc player section>

Disc	Compact disc
Scanning method	Non-contact optical scanner (with semi-conductor laser)
Laser	Semi-conductor laser (λ = 780 nm)
Rotation speed	Approx. 500 rpm – 200 rpm (CLV)
Error correction	Cross Interleave, Reed Solomon code
D-A conversion	1-bit DAC
Signal-to-noise ratio	90 dB (1 kHz)
Harmonic distortion	0.07% (1 kHz)
Wow/flutter	Unmeasurable
Dimensions (W × H × D)	260 × 198 × 328 mm (10¼ × 7⅞ × 13 in.)
Weight	4.5 kg (9.9 lbs.)

SPEAKER SX-N707

Cabinet type	3-way, bass reflex (EIAJ magnetically shielded)
Impedance	6 ohms
Music power	70 W
Speaker	130 mm cone type woofer 60 mm cone type tweeter 30 mm ceramic type super tweeter
Output sound pressure level	87 dB/W/m
Dimensions (W × H × D)	198 × 396 × 230 mm (7⅞ × 15⅝ × 9⅛ in.)
Weight	4.0 kg (8.8 lbs.)

COMMON SECTION

Power requirements	HE, LH, HR: 120/220/240 V AC selectable, 50/60 Hz U: 120 V AC, 60Hz E, Z: 230 V AC, 50 Hz K: 240 V AC, 50 Hz
Power consumption	System total 120 W
Dimensions (W × H × D)	Vertical placement HE, LH, HR, U: 656 × 396 × 330.5 mm (25⅞ × 15⅝ × 13⅛ in.) E, K, Z: 656 × 396 × 333.5 mm (25⅞ × 15⅝ × 13¼ in.) Horizontal placement HE, LH, HR, U: 916 × 396 × 330.5 mm (36⅛ × 15⅞ × 13⅛ in.) E, K, Z: 916 × 396 × 333.5 mm (36⅛ × 15⅞ × 13¼ in.)
Weight	18.5 kg (40.7 lbs.)

- Design and specifications are subject to change without notice.
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MODEL NO.

RX-N707

ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
IC			
	82-NT2-630-110		IC, CXP82324-141Q
	82-NE6-617-010		IC, GP1U581X
	87-002-950-010		IC, BA3826S
	87-002-727-010		IC, NJM4558L
	87-017-311-080		IC, M65831FP〈HE, HR〉
	87-002-444-010		IC, BU4094B
	87-001-607-080		IC, NJM4558M
	87-002-967-080		IC, BU4052BF
	87-020-982-010		IC, STK-4162MK-2〈EXCEPT K, EE〉
	87-001-582-010		IC, STK4152-2〈K, EE〉
	87-002-218-010		IC, XRC5451AP
	87-017-294-010		IC, NJM2120L
	87-017-298-010		IC, NJU9701D
	87-002-429-010		IC, NJU7305L
	87-001-530-010		IC, LA3607
	87-002-872-080		IC, MC14053BF
	87-002-901-080		IC, BU4094BF
	87-017-296-080		IC, LA1831M
	87-001-927-080		IC, LC7218M
TRANSISTOR			
	89-420-052-080		TR, 2SD2005Q
	87-026-235-080		C-TR, DTC114EK
	89-112-965-080		TR, 2SA1296GR
	89-327-125-080		C-TR, 2SC2712GR
	89-320-011-080		TR, 2SC2001K
	89-213-702-010		TR, 2SB1370E
	89-213-542-380		TR, 2SB1354E, F〈HE, LH〉
	89-111-625-080		C-TR, 2SA1162GR
	89-332-665-080		TR, 2SC3266GR
	89-110-155-080		TR, 2SA1015GR
	87-026-462-080		TR, 2SC1740S(RS)
	89-318-155-080		TR, 2SC1815GR
	87-026-227-080		C-TR, DTA114EK
	89-333-265-080		C-TR, 2SC3326A
	87-026-213-080		C-TR, DTC114YK
	89-113-187-880		TR, 2SA1318TU
	89-333-317-880		TR, 2SC3331TU
	87-026-230-080		C-TR, DTA114YK
	89-503-025-080		C-FET, 2SK302GR
	89-327-143-080		C-TR, 2SC2714(O)
	89-502-115-080		C-FET, 2SK211GR〈Z〉
	89-503-602-080		C-FET, 2SK360E
	89-333-266-080		C-TR, 2SC3326B〈K, EE, E, Z〉
	87-026-233-080		TR, DTA114TK
	89-502-094-080		FET, 2SK209Y
	87-026-229-080		C-TR, DTA143XK
DIODE			
	87-020-691-080		DIODE, 1SS132
	87-027-652-080		ZENER, HZ9A1L
	87-017-101-080		ZENER, HZS6C2
	87-001-911-080		ZENER, UTZJ 4.7A
	87-027-332-080		ZENER, HZ6B1L
	87-002-430-080		ZENER, UTZJ8.2C
	87-002-225-010		DIODE, DBF 40C-K10
	87-001-912-080		ZENER, UTZJ 5.1B
	87-020-125-080		C-DIODE, 1SS181
	87-020-027-080		C-DIODE, 1SS184
	87-001-820-010		DIODE, GP15B(F)
	87-001-574-080		DIODE, 1SR139-200
	87-001-919-080		ZENER, UTZJ27C
	87-001-916-080		ZENER, UTZJ10B
	87-001-915-080		ZENER, UTZJ6.8A
	87-017-091-080		ZENER, HZS5C1
	87-020-465-080		DIODE, 1SS133 T-72
	87-017-097-080		ZENER, HZS6B1
	87-017-121-080		ZENER, HZS11A1
MAIN C.B			
C109	81-794-643-090		CAP E 4700-50V
C110	81-794-643-090		CAP E 4700-50V
C111	87-010-101-080		CAP, E 220-16 SME
C112	87-010-405-080		CAP, E 10-50 SME
C113	87-010-263-080		CAP, E 100-10
C114	87-015-914-080		CAP, E 47-100
C115	87-010-384-080		CAP, E 100-25 SME
C116	87-010-384-080		CAP, E 100-25 SME
C117	87-010-400-080		CAP, E 0.47-50 SME
C118	87-010-401-080		CAP, E 1-50 SME
C119	87-010-544-080		CAP, E 0.1-50
C120	87-010-235-080		CAP, E 470-16 SME
C121	87-010-101-080		CAP, E 220-16 SME
C122	87-010-374-080		CAP, E 47-10
C123	87-010-374-080		CAP, E 47-10
C124	87-010-260-080		CAP, E 47-25 SME
C125	87-010-405-080		CAP, E 10-50 SME
C126	87-012-140-080		C-CAP, S 470P-50 CH
C127	87-016-110-090		CAP, E 5600-25SME
C128	87-010-374-080		CAP, E 47-10
C129	87-010-405-080		CAP, E 10-50 SME〈HE, LH〉
C129	87-010-404-080		CAP, E 4.7-50 SME〈HR, K, EE, E, Z〉
C131	87-018-131-080		CAP, TC-U 1000P-50 B〈EXCEPT Z〉
C201	87-010-400-080		CAP, E 0.47-50 SME
C202	87-010-400-080		CAP, E 0.47-50 SME
C203	87-010-400-080		CAP, E 0.47-50 SME
C204	87-010-400-080		CAP, E 0.47-50 SME
C205	87-010-401-080		CAP, E 1-50 SME
C206	87-010-401-080		CAP, E 1-50 SME
C207	87-010-380-080		CAP, E 47-16 SME
C208	87-010-380-080		CAP, E 47-16 SME
C209	87-010-401-080		CAP, E 1-50 SME
C210	87-010-401-080		CAP, E 1-50 SME
C211	87-010-401-080		CAP, E 1-50 SME
C212	87-010-401-080		CAP, E 1-50 SME
C213	87-010-402-080		CAP, E 2.2-50 SME
C214	87-010-402-080		CAP, E 2.2-50 SME
C215	87-010-178-080		C-CAP, S 1000P-50 B
C216	87-010-178-080		C-CAP, S 1000P-50 B
C217	87-010-403-080		CAP, E 3.3-50 SME
C218	87-010-403-080		CAP, E 3.3-50 SME
C219	87-010-405-080		CAP, E 10-50 SME
C220	87-010-405-080		CAP, E 10-50 SME
C221	87-010-374-080		CAP, E 47-10
C222	87-010-374-080		CAP, E 47-10
C223	87-010-315-080		C-CAP, S 27P-50 CH
C224	87-010-315-080		C-CAP, S 27P-50 CH
C225	87-010-260-080		CAP, E 47-25 SME
C226	87-010-260-080		CAP, E 47-25 SME
C229	87-016-247-080		C-CAP, 0.1-50F
C230	87-016-247-080		C-CAP, 0.1-50F
C231	87-010-184-080		C-CAP, S 3300P-50 B〈Z〉
C232	87-010-184-080		C-CAP, S 3300P-50 B〈Z〉
C233	87-010-197-080		C-CAP, S 0.01-25 B〈Z〉
C234	87-010-197-080		C-CAP, S 0.01-25 B〈Z〉

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C235	87-010-405-080		CAP, E 10-50 SME
C236	87-010-197-080		C-CAP, S 0.01-25 B
C237	87-010-197-080		C-CAP, S 0.01-25 B
C238	87-010-197-080		C-CAP, S 0.01-25 B〈EXCEPT Z〉
C239	87-010-197-080		C-CAP, S 0.01-25 B
C248	87-010-198-080		C-CAP, S 0.022-25 B
C248	87-010-408-080		CAP, E 47-50 SME
C260	87-010-178-080		C-CAP, S 1000P-50 B
C301	87-010-405-080		CAP, E 10-50 SME
C302	87-010-405-080		CAP, E 10-50 SME
C303	87-010-405-080		CAP, E 10-50 SME
C304	87-010-405-080		CAP, E 10-50 SME
C305	87-010-182-080		C-CAP, S 2200P-50 B
C307	87-010-182-080		C-CAP, S 2200P-50 B
C309	87-010-189-080		C-CAP, S 8200P-50 B
C311	87-010-189-080		C-CAP, S 8200P-50 B
C313	87-010-189-080		C-CAP, S 8200P-50 B
C315	87-010-182-080		C-CAP, S 2200P-50 B
C316	87-010-182-080		C-CAP, S 2200P-50 B
C317	87-010-182-080		C-CAP, S 2200P-50 B
C318	87-010-182-080		C-CAP, S 2200P-50 B
C321	87-010-322-080		C-CAP, S 100P-50 CH
C322	87-010-322-080		C-CAP, S 100P-50 CH
C323	87-010-404-080		CAP, E 4.7-50 SME
C324	87-010-404-080		CAP, E 4.7-50 SME
C325	87-010-405-080		CAP, E 10-50 SME
C326	87-010-405-080		CAP, E 10-50 SME
C327	87-010-405-080		CAP, E 10-50 SME
C328	87-010-405-080		CAP, E 10-50 SME
C329	87-010-401-080		CAP, E 1-50 SME
C330	87-010-401-080		CAP, E 1-50 SME
C331	87-010-405-080		CAP, E 10-50 SME
C332	87-010-405-080		CAP, E 10-50 SME
C333	87-010-263-080		CAP, E 100-10
C334	87-010-263-080		CAP, E 100-10
C335	87-010-197-080		C-CAP, S 0.01-25 B
C401	87-010-312-080		C-CAP, S 15P-50 CH
C403	87-010-197-080		C-CAP, S 0.01-25 B
C404	87-010-197-080		C-CAP, S 0.01-25 B
C405	87-010-312-080		C-CAP, S 15P-50 CH
C406	87-010-313-080		C-CAP, S 18P-50 CH〈Z〉
C407	87-010-145-080		C-CAP, S 1P-50 CH〈Z〉
C407	87-010-147-080		C-CAP, S 3P-50 CH〈EXCEPT Z〉
C408	87-010-145-080		C-CAP, S 1P-50 CH〈EXCEPT Z〉
C408	87-010-147-080		C-CAP, S 3P-50 CH〈Z〉
C409	87-010-314-080		C-CAP, S 22P-50 CH
C410	87-010-154-080		C-CAP, S 10P-50 CH
C411	87-010-312-080		C-CAP, S 15P-50 CH
C412	87-010-312-080		C-CAP, S 15P-50 CH
C413	87-010-197-080		C-CAP, S 0.01-25 B
C414	87-010-146-080		C-CAP, S 2P-50 CH
C415	87-010-147-080		C-CAP, S 3P-50 CH〈Z〉
C416	87-010-154-080		C-CAP, S 10P-50 CH
C417	87-010-197-080		C-CAP, S 0.01-25 B
C418	87-012-156-080		C-CAP, S 220P-50 CH
C419	87-010-197-080		C-CAP, S 0.01-25 B
C423	87-010-400-080		CAP, E 0.47-50 SME
C442	87-010-149-080		C-CAP, S 5P-50 CH
C451	87-010-316-080		C-CAP, S 33P-50 CH〈K, EE, E, Z〉
C452	87-010-197-080		C-CAP, S 0.01-25 B
C453	87-010-544-080		CAP, E 0.1-50
C454	87-010-154-080		C-CAP, S 10P-50 CH〈HE, LH, HR〉
C454	87-010-314-080		C-CAP, S 22P-50 CH〈K, EE, E, Z〉
C455	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, E, Z〉
C456	87-012-155-080		C-CAP, S 180P-50 CH〈K, EE, E, Z〉
C457	87-010-175-080		C-CAP, S 560P-50 SL〈K, EE, E, Z〉
C458	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, E, Z〉
C459	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, E, Z〉
C460	87-010-197-080		C-CAP, S 0.01-25 B
C471	87-010-197-080		C-CAP, S 0.01-25 B
C472	87-010-197-080		C-CAP, S 0.01-25 B
C473	87-010-197-080		C-CAP, S 0.01-25 B
C474	87-010-197-080		C-CAP, S 0.01-25 B
C475	87-010-197-080		C-CAP, S 0.01-25 B
C476	87-010-197-080		C-CAP, S 0.01-25 B
C477	87-010-197-080		C-CAP, S 0.01-25 B
C478	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, E〉
C501	87-010-197-080		C-CAP, S 0.01-25 B
C502	87-010-197-080		C-CAP, S 0.01-25 B
C503	87-010-405-080		CAP, E 10-50 SME
C504	87-010-194-080		C-CAP, S 0.047-25 F
C505	87-010-402-080		CAP, E 2.2-50 SME
C506	87-010-401-080		CAP, E 1-50 SME
C507	87-010-178-080		C-CAP, S 1000P-50 B
C508	87-010-314-080		C-CAP, S 22P-50 CH
C509	87-010-403-080		CAP, E 3.3-50 SME
C510	87-010-382-080		CAP, E 22-25 SME
C511	87-010-194-080		C-CAP, S 0.047-25 F
C512	87-010-213-080		C-CAP, S 0.015-25 B
C513	87-010-178-080		C-CAP, S 1000P-50 B〈EXCEPT Z〉
C513	87-010-???-080		C-CAP, S 1800P-50 B〈Z〉
C514	87-010-401-080		CAP, E 1-50 SME
C515	87-010-426-080		C-CAP, S 0.012-25 B
C516	87-010-426-080		C-CAP, S 0.012-25 B
C517	87-010-401-080		CAP, E 1-50 SME
C518	87-010-263-080		CAP, E 100-10
C519	87-010-194-080		C-CAP, S 0.047-25 F
C520	87-010-403-080		CAP, E 3.3-50 SME
C521	87-010-403-080		CAP, E 3.3-50 SME
C551	87-010-186-080		C-CAP, S 4700P-50 B
C552	87-010-400-080		CAP, E 0.47-50 SME
C553	87-010-384-080		CAP, E 100-25 SME
C554	87-010-315-080		C-CAP, S 27P-50 CH
C555	87-010-263-080		CAP, E 100-10
C556	87-010-197-080		C-CAP, S 0.01-25 B
C557	87-010-178-080		C-CAP, S 1000P-50 B
C558	87-010-178-080		C-CAP, S 1000P-50 B
C559	87-010-178-080		C-CAP, S 1000P-50 B
C560	87-010-178-080		C-CAP, S 1000P-50 B
C564	87-010-314-080		C-CAP, S 22P-50 CH
C571	87-010-179-080		C-CAP, S 1200P-50 B〈Z〉
C572	87-010-403-080		CAP, E 3.3-50 SME〈Z〉
C601	87-010-263-080		CAP, E 100-10
C602	87-010-263-080		CAP, E 100-10
C603	87-010-260-080		CAP, E 47-25 SME
C604	87-010-263-080		CAP, E 100-10
C605	87-010-401-080		CAP, E 1-50 SME
C606	87-010-401-080		CAP, E 1-50 SME
C607	87-010-179-080		C-CAP, S 1200P-50 B
C608	87-010-179-080		C-CAP, S 1200P-50 B
C609	87-010-184-080		C-CAP, S 3300P-50 B
C610	87-010-184-080		C-CAP, S 3300P-50 B
C993	87-018-131-080		CAP, TC-U 1000P-50 B〈Z〉
CF501	87-008-423-010		CF, SFE10.7 MS3G-A〈Z〉
CF501	87-008-261-010		FLTR, SFE10.7MA5-A〈EXCEPT Z〉
CF502	87-008-423-010		CF, SFE10.7 MS3G-A〈Z〉
CF502	87-008-261-010		FLTR, SFE10.7MA5-A〈EXCEPT Z〉
CF503	87-008-500-010		FLTR, CDA10.7MG43A-A
CF504	84-508-618-010		VIB, CER CSB 456 F15
D401	87-026-360-080		C-VARI CAP, KV1430
D402	87-026-360-080		C-VARI CAP, KV1430
D403	87-026-360-080		C-VARI CAP, KV1430〈Z〉
D404	87-026-360-080		C-VARI CAP, KV1430
D451	81-754-634-010		VARI-CAP, KV1260〈K, EE, E, Z〉
J202	80-MT3-616-010		JACK, PIN 2P〈EXCEPT Z〉
J202	80-MT3-631-010		JACK, PIN 2P EARTH〈Z〉
J203	87-033-215-010		TERMINAL SP 4P R
J301	81-669-655-010		JACK, 6.3 W/S AU
J401	81-631-646-010		ANT TERM 2P PAL〈K, EE, E, Z〉
J401	87-033-214-010		ANT TERM 4P〈HE, LH, HR〉

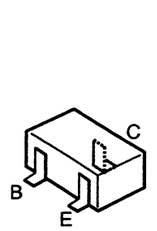
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
L201	87-005-366-010		COIL, 1UH〈Z〉
L202	87-005-366-010		COIL, 1UH〈Z〉
L401	87-006-209-010		COIL, ANT FM 3/4T, L5
L402	87-006-210-010		COIL, ANT FM2-3/4TSL5
L403	87-006-200-010		COIL, RF FM 3-1/2T, L5
L404	87-006-201-010		COIL, RF FM3-1/2TS, L5
L405	87-006-201-010		COIL, RF FM3-1/2TS, L5〈Z〉
L406	87-006-205-010		COIL, OSC FM(7K)
L407	87-003-231-080		C-COIL, S 1UH
L408	87-008-427-010		COIL FM IFT
L451	81-MX4-620-010		AM PACK 3, S〈HE, LH, HR〉
L451	87-006-207-010		COIL, ANT MW (3B)〈K, EE, E, Z〉
L452	87-006-208-010		COIL, ANT LW〈K, EE, E, Z〉
L453	82-794-687-010		COIL, OSC〈K, EE, E, Z〉
L454	82-794-688-010		COIL, OSC LW〈K, EE, E, Z〉
L501	82-NT1-659-010		FLTR, CFAZ-450 2NT
L503	87-003-241-080		C-COIL, S 4.7UH K
L504	82-NT1-633-010		FLTR, AMTI-BIRDIE〈Z〉
L551	87-003-241-080		C-COIL, S 4.7UH K
L601	81-631-643-010		COIL, 1 POLE MPX
L602	81-631-643-010		COIL, 1 POLE MPX
L991	87-008-372-080		FLTR, EMI BL 01RN1
⚠R107	87-029-016-010		FUSE, RES 22-1/2W FM〈HR, K, EE, E, Z〉
R108	87-025-327-010		RES, M/O 47-1W〈HE, LH〉
⚠R109	87-029-016-010		FUSE, RES 22-1/2W FM〈HR, K, EE, E, Z〉
R109	87-025-327-010		RES, M/O 47-1W〈HE, LH〉
R110	87-025-327-010		RES, M/O 47-1W〈HE, LH〉
R111	87-025-327-010		RES, M/O 47-1W〈HE, LH〉
R145	87-022-050-080		RES, METAL 1W-0.22J
R146	87-022-050-080		RES, METAL 1W-0.22J
R187	87-025-327-010		RES, M/O 47-1W〈HE, LH〉
⚠R188	87-029-089-090		FUSE, RES 4.7-1/4W〈HR, K, EE, E, Z〉
⚠R188	87-029-366-010		FUSE, RES 4.7-1/2W〈HE, LH〉
R255	87-022-050-080		RESIS, METAL 1W-0.22J
R256	87-022-050-080		RESIS, METAL 1W-0.22J
R257	87-022-050-080		RESIS, METAL 1W-0.22J
R258	87-022-050-080		RESIS, METAL 1W-0.22J
RY101	87-045-335-010		RELAY, G5Z-2A 12VDC
SF401	87-030-105-010		FLTR, BPMB6A〈Z〉
TC401	87-011-219-080		CAP TRIMMER 10P
TC402	87-011-219-080		CAP TRIMMER 10P
TC403	87-011-219-080		CAP TRIMMER 10P〈Z〉
TC451	87-011-220-080		CAP TRIMMER 20P VCT〈K, EE, E, Z〉
TC452	87-011-221-080		TRIMER. 30P VCT51〈K, EE, E, Z〉
W101	82-NT1-640-010		F-CABLE, 7P-2.5
W102	82-NT1-644-010		CORD, FG 15P
X551	87-030-299-010		VIB, XTAL 7.2MHZ(KDS)

FRONT C.B

C1	87-010-370-080		CAP, E 330-6.3 SME
C2	87-018-134-080		CAP, TC-U 0.01-16 Y
C3	87-018-134-080		CAP, TC-U 0.01-16 Y
C4	87-010-405-080		CAP, E 10-50 SME
C5	87-010-178-080		C-CAP, S 1000P-50 B
C6	87-010-182-080		C-CAP, S 2200P-50 B
C7	87-018-131-080		CAP, TC-U 1000P-50 B
C8	87-010-404-080		CAP, E 4.7-50 SME
C9	87-018-195-080		CAP, TC-U 1200P-16 X
C10	87-010-400-080		CAP, E 0.47-50 SME
C11	87-018-124-080		CAP, TC-U 270P-50 B
C12	87-010-544-080		CAP, E 0.1-50
C13	87-010-405-080		CAP, E 10-50 SME
C14	87-010-405-080		CAP, E 10-50 SME
C15	87-018-131-080		CAP, TC-U 1000P-50 B
C16	87-010-405-080		CAP, E 10-50 SME
C17	87-010-544-080		CAP, E 0.1-50
C18	87-010-405-080		CAP, E 10-50 SME
C19	87-010-405-080		CAP, E 10-50 SME
C20	87-010-544-080		CAP, E 0.1-50
C22	87-018-127-080		CAP, TC-U 470P-50 B
C23	87-015-819-080		C-CAP, 0.01-50 B K
C24	87-015-819-080		C-CAP, 0.01-50 B K
C25	87-010-197-080		C-CAP, S 0.01-25 B
C40	87-010-405-080		CAP, E 10-50 SME
C41	87-010-405-080		CAP, E 10-50 SME
C42	87-010-405-080		CAP, E 10-50 SME
C71	87-010-322-080		C-CAP, S 100P-50 CH
C101	87-010-404-080		CAP, E 4.7-50 SME〈HE, HR〉
C102	87-010-175-080		C-CAP, S 560P-50 SL〈HE, HR〉
C104	87-010-260-080		CAP, E 47-25 SME〈HE, HR〉
C108	87-018-128-080		CAP, TC-U 560P-50 B〈HE, HR〉
C109	87-018-201-080		CAP, TC-U 5600P-16 X〈HE, HR〉
C110	87-010-401-080		CAP, E 1-50 SME〈HE, HR〉
C111	87-018-134-080		CAP, TC-U 0.01-16 Y〈HE, HR〉
C112	87-018-134-080		CAP, TC-U 0.01-16 Y〈HE, HR〉
C113	87-010-260-080		CAP, E 47-25 SME〈HE, HR〉
C151	87-010-401-080		CAP, E 1-50 SME
C152	87-010-112-080		CAP, E 100-16
C158	87-018-201-080		CAP, TC-U 5600P-16 X〈HE, HR〉
C160	87-018-134-080		CAP, TC-U 0.01-16 Y
CF1	87-008-497-080		CERA LOCK CST7.68MTW
CF101	87-008-496-080		CERA LOCK CST2.09MG〈HE, HR〉
D14	87-017-376-080		LED, SEL6514C TP6
D15	87-017-376-080		LED, SEL6514C TP6
D16	87-017-376-080		LED, SEL6514C TP6
D17	87-017-376-080		LED, SEL6514C TP6
D18	87-017-376-080		LED, SEL6514C TP6
D19	87-017-376-080		LED, SEL6514C TP6
D20	87-017-376-080		LED, SEL6514C TP6
D59	87-017-369-080		LED, SEL2510C TP6
D60	87-017-369-080		LED, SEL2510C TP6
D61	87-020-862-080		LED, SEL2213C
D62	87-020-862-080		LED, SEL2213C
D63	87-020-862-080		LED, SEL2213C
D64	87-020-862-080		LED, SEL2213C
D65	87-020-862-080		LED, SEL2213C
D66	87-020-862-080		LED, SEL2213C
D67	87-020-862-080		LED, SEL2213C
D68	87-020-862-080		LED, SEL2213C
D69	87-020-862-080		LED, SEL2213C
D70	87-020-862-080		LED, SEL2213C
D71	87-020-862-080		LED, SEL2213C
D72	87-020-862-080		LED, SEL2213C
D73	87-020-862-080		LED, SEL2213C
FL1	82-NT2-631-010		FL, BJ 135GK
J1	81-MX4-630-010		JACK, 3.5
L1	87-005-152-080		COIL, 10UH
L2	87-005-239-080		COIL, 100UH
L20	87-005-152-080		COIL, 10UH
L21	87-005-152-080		COIL, 10UH
L32	87-003-102-080		COIL, 10UH
SW1	87-036-215-080		SW, TACT EVQ-21404M
SW2	87-036-215-080		SW, TACT EVQ-21404M
SW3	87-036-215-080		SW, TACT EVQ-21404M
SW4	87-036-215-080		SW, TACT EVQ-21404M
SW5	87-036-215-080		SW, TACT EVQ-21404M
SW6	87-036-215-080		SW, TACT EVQ-21404M
SW7	87-036-215-080		SW, TACT EVQ-21404M
SW8	87-036-215-080		SW, TACT EVQ-21404M
SW9	87-036-215-080		SW, TACT EVQ-21404M
SW10	87-036-215-080		SW, TACT EVQ-21404M
SW11	87-036-215-080		SW, TACT EVQ-21404M
SW12	87-036-215-080		SW, TACT EVQ-21404M
SW13	87-036-215-080		SW, TACT EVQ-21404M
SW14	87-036-215-080		SW, TACT EVQ-21404M
SW15	87-036-215-080		SW, TACT EVQ-21404M
VR1	81-MT3-633-010		VR, 10KA RK11K1130
VR100	82-NT1-651-010		VR, SLIDE 10KB〈HE, HR〉

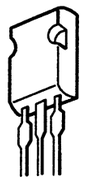
REF. NO	PART NO.	カンリ NO.	DESCRIPTION
VOL C. B			
C201	87-010-405-080		CAP, E 10-50 SME
C202	87-010-405-080		CAP, E 10-50 SME
C203	87-012-156-080		C-CAP, S 220P-50 CH
C204	87-012-156-080		C-CAP, S 220P-50 CH
C205	87-010-405-080		CAP, E 10-50 SME
C206	87-010-405-080		CAP, E 10-50 SME
C207	87-010-405-080		CAP, E 10-50 SME
C208	87-010-405-080		CAP, E 10-50 SME
C209	87-012-154-080		C-CAP, S 150P-50 CH
C210	87-012-154-080		C-CAP, S 150P-50 CH
C211	87-010-197-080		C-CAP, S 0.01-25 B
C212	87-010-197-080		C-CAP, S 0.01-25 B
C213	87-010-401-080		CAP, E 1-50 SME
C214	87-010-401-080		CAP, E 1-50 SME
C215	87-010-404-080		CAP, E 4.7-50 SME
C216	87-010-404-080		CAP, E 4.7-50 SME
C217	87-010-183-080		C-CAP, S 2700P-50 B
C218	87-010-183-080		C-CAP, S 2700P-50 B
C219	87-012-155-080		C-CAP, S 180P-50 CH
C220	87-012-155-080		C-CAP, S 180P-50 CH
C221	87-010-404-080		CAP, E 4.7-50 SME
C222	87-010-404-080		CAP, E 4.7-50 SME
C225	87-010-400-080		CAP, E 0.47-50 SME
C226	87-010-400-080		CAP, E 0.47-50 SME
C227	87-010-404-080		CAP, E 4.7-50 SME
C228	87-010-404-080		CAP, E 4.7-50 SME
C229	87-010-405-080		CAP, E 10-50 SME
C230	87-010-405-080		CAP, E 10-50 SME
C231	87-010-405-080		CAP, E 10-50 SME
C232	87-010-401-080		CAP, E 1-50 SME
C233	87-010-401-080		CAP, E 1-50 SME
C234	87-010-401-080		CAP, E 1-50 SME
C237	87-010-101-080		CAP, E 220-16 SME
C238	87-010-197-080		C-CAP, S 0.01-25 B
C245	87-010-405-080		CAP, E 10-50 SME
C246	87-010-401-080		CAP, E 1-50 SME
C247	87-010-187-080		C-CAP, S 5600P-50 B
C248	87-010-175-080		C-CAP, S 560P-50 SL
C250	87-010-260-080		CAP, E 47-25 SME
C251	87-010-400-080		CAP, E 0.47-50 SME
C252	87-010-400-080		CAP, E 0.47-50 SME
C254	87-010-187-080		C-CAP, S 5600P-50 B
C255	87-010-175-080		C-CAP, S 560P-50 SL
C256	87-010-197-080		C-CAP, S 0.01-25 B
C257	87-010-401-080		CAP, E 1-50 SME
C258	87-010-197-080		C-CAP, S 0.01-25 B
C259	87-010-260-080		CAP, E 47-25 SME
C269	87-010-405-080		CAP, E 10-50 SME
C270	87-010-405-080		CAP, E 10-50 SME
C281	87-010-405-080		CAP, E 10-50 SME
C282	87-012-140-080		C-CAP, S 470P-50 CH
C283	87-010-544-080		CAP, E 0.1-50
C284	87-010-406-080		CAP, E 22-50 SME
C301	87-010-404-080		CAP, E 4.7-50 SME
C302	87-010-404-080		CAP, E 4.7-50 SME
C303	87-010-404-080		CAP, E 4.7-50 SME
C304	87-010-404-080		CAP, E 4.7-50 SME
C305	87-010-404-080		CAP, E 4.7-50 SME
C306	87-010-404-080		CAP, E 4.7-50 SME
C307	87-012-140-080		C-CAP, S 470P-50 CH
C308	87-012-140-080		C-CAP, S 470P-50 CH
C309	87-010-184-080		C-CAP, S 3300P-50 B
C310	87-010-184-080		C-CAP, S 3300P-50 B
C311	87-010-178-080		C-CAP, S 1000P-50 B
C314	87-010-178-080		C-CAP, S 1000P-50 B
C315	87-010-184-080		C-CAP, S 3300P-50 B
C316	87-010-184-080		C-CAP, S 3300P-50 B
C319	87-010-189-080		C-CAP, S 8200P-50 B
C320	87-010-189-080		C-CAP, S 8200P-50 B
C325	87-010-544-080		CAP, E 0.1-50
C326	87-010-544-080		CAP, E 0.1-50
C329	87-010-546-080		CAP, E 0.33-50 SME
C330	87-010-546-080		CAP, E 0.33-50 SME
C333	87-010-402-080		CAP, E 2.2-50 SME
C334	87-010-402-080		CAP, E 2.2-50 SME
C335	87-012-140-080		C-CAP, S 470P-50 CH
C336	87-012-140-080		C-CAP, S 470P-50 CH
C337	87-010-404-080		CAP, E 4.7-50 SME
C338	87-010-404-080		CAP, E 4.7-50 SME
C339	87-010-197-080		C-CAP, S 0.01-25 B
C340	87-010-260-080		CAP, E 47-25 SME
C341	87-010-260-080		CAP, E 47-25 SME
C342	87-010-260-080		CAP, E 47-25 SME
C343	87-010-404-080		CAP, E 4.7-50 SME
C344	87-010-404-080		CAP, E 4.7-50 SME
C351	87-010-322-080		C-CAP, S 100P-50 CH
C991	87-018-134-080		CAP, TC-U 0.01-16 Y
C992	87-010-197-080		C-CAP, S 0.01-25 B
CF241	87-008-496-080		CERA LOCK CST2.09MG
L990	87-008-372-080		FLTR, EMI BL 01RN1
VR701	82-NT2-632-010		VOL, MOT50KBX2(M)
WIR201	82-NT2-641-010		F-CABLE, 11-2.0(HE, LH, HR, E)
WIR201	82-NT2-642-010		F-CABLE, 11-2.0 E(K, EE, Z)
WIR202	82-NT2-640-010		F-CABLE, 3-2.0
TRAY C. B			
C801	87-010-197-080		C-CAP, S 0.01-25 B
C802	87-010-197-080		C-CAP, S 0.01-25 B
C803	87-010-197-080		C-CAP, S 0.01-25 B
C804	87-010-197-080		C-CAP, S 0.01-25 B
SW801	87-036-215-080		SW, TACT EVQ-21404M
SW802	87-036-215-080		SW, TACT EVQ-21404M
SW803	87-036-215-080		SW, TACT EVQ-21404M
SW804	87-036-215-080		SW, TACT EVQ-21404M
SW805	87-036-215-080		SW, TACT EVQ-21404M
SW806	87-036-215-080		SW, TACT EVQ-21404M
SW807	87-036-215-080		SW, TACT EVQ-21404M
SW808	87-036-215-080		SW, TACT EVQ-21404M
SW809	87-036-215-080		SW, TACT EVQ-21404M
SW810	87-036-215-080		SW, TACT EVQ-21404M
SW811	87-036-215-080		SW, TACT EVQ-21404M
SW812	87-036-215-080		SW, TACT EVQ-21404M
SW814	87-036-215-080		SW, TACT EVQ-21404M
SW815	87-036-215-080		SW, TACT EVQ-21404M
SW816	87-036-215-080		SW, TACT EVQ-21404M
SW817	87-036-215-080		SW, TACT EVQ-21404M
SW818	87-036-215-080		SW, TACT EVQ-21404M
SW819	87-036-215-080		SW, TACT EVQ-21404M
SW821	87-036-215-080		SW, TACT EVQ-21404M
SW822	87-036-215-080		SW, TACT EVQ-21404M
SW824	87-036-215-080		SW, TACT EVQ-21404M
SW825	87-036-215-080		SW, TACT EVQ-21404M
SW826	87-036-215-080		SW, TACT EVQ-21404M
SW827	87-036-215-080		SW, TACT EVQ-21404M
SW828	87-036-110-010		SW, PUSH SPPB 62
SW829	87-036-110-010		SW, PUSH SPPB 62
MOTOR C. B			
C401	87-010-263-080		CAP, E 100-10
C402	87-010-263-080		CAP, E 100-10
R401	88-128-220-080		C-RES, 22-1/8W J
R402	88-128-220-080		C-RES, 22-1/8W J
PT-1 C. B			
⚠	87-033-213-080		CLAMP, FUSE SMK(HE, LH, HR)
⚠	87-033-213-080		CLAMP, FUSE SMK(HE, LH, HR)
⚠F1	87-035-364-010		FUSE, 1.6A 250V(HE, LH)
⚠F1	87-035-366-010		FUSE, 2.5A 250V T E/K(HE, LH, HR)
PT-2 C. B			
R998	87-022-184-080		RES, METAL 0.33-1W(HE, LH)
R998	87-022-050-080		RES, METAL 1W-0.22J(HR, K, EE, E, Z)
SW C. B(HE, LH, HR)			
⚠SW901	87-036-173-010		SW, SL 2-2-4 SDKG(HE, LH, HR)
MISCELLANEOUS			
⚠	87-050-034-010		AC CORD ASSY, E(HE, HR, E)
⚠	87-050-016-010		AC CORD ASSY, E(EE, Z)
⚠	87-050-029-010		AC CORD ASSY, K 3P(K)
⚠	87-034-749-010		AC CORD, H W/PLUG(LH)
⚠	87-085-184-010		BUSHING, AC CORD D(LH)
⚠	87-085-185-010		BUSHING, AC CORD E(EXCEPT LH)
	89-VT5-202-010		BUSHING, CORD
FC1	82-NT1-641-010		F-CABLE 5P-1.25
⚠PT1	82-NT2-608-010		PT, 2NT-2 EKZ(K, EE, E, Z)
⚠PT1	82-NT2-606-010		PT, 2NT-2 H(HE, LH)
⚠PT1	82-NT2-609-010		PT, 2NT-2 HR(HR)

TRANSISTOR ILLUSTRATION

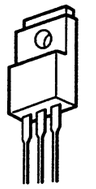


2SA1162
2SC2712
2SC2714
2SC3326
DTA114
DTA143
DTC114

2SA1015
2SA1296
2SA1318
2SC1815
2SC3266
2SC2001
2SC3331



2SB1354



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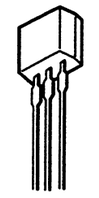

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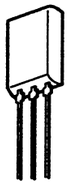
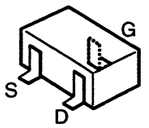
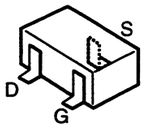


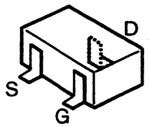
2SD2005



2SK209



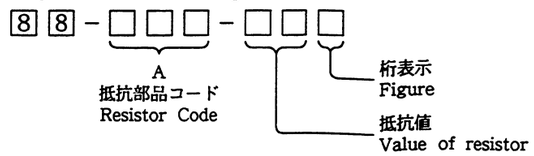
2SK211
2SK302



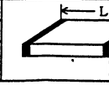
2SK360

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

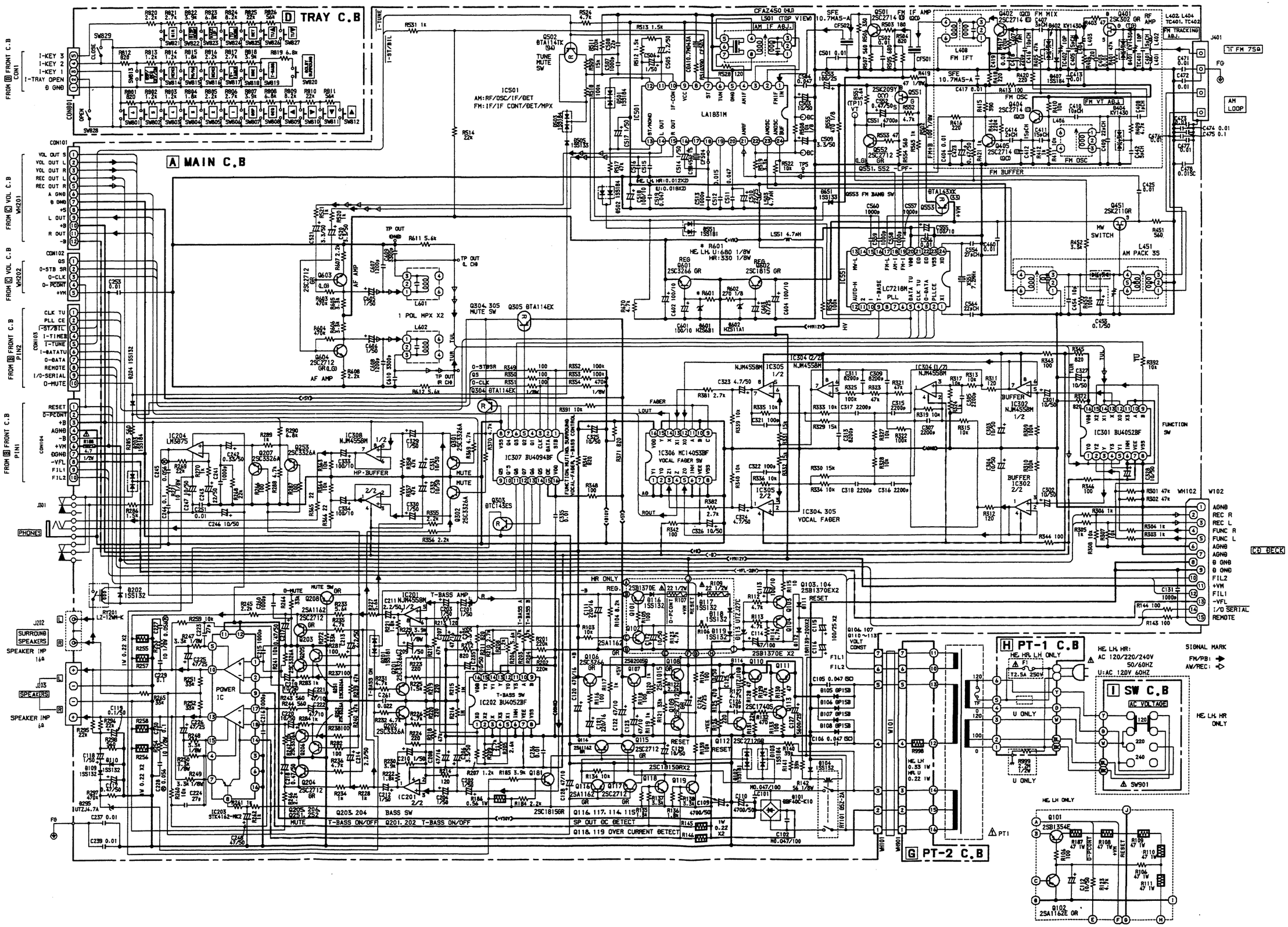
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm) Form/外形	L	W	t	Resistor Code : A 抵抗コード : A
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3126	±5%	CJ		3.2	1.6	0.5 ~0.7	128

SCHEMATIC DIAGRAM – 1 (MAIN : HE, LH, HR, U)



WIRING – 1 (MAIN : HE, LH, HR, U)

A MAIN C.B

CD DECK
W102
(GRY)
(BLU)
BLK

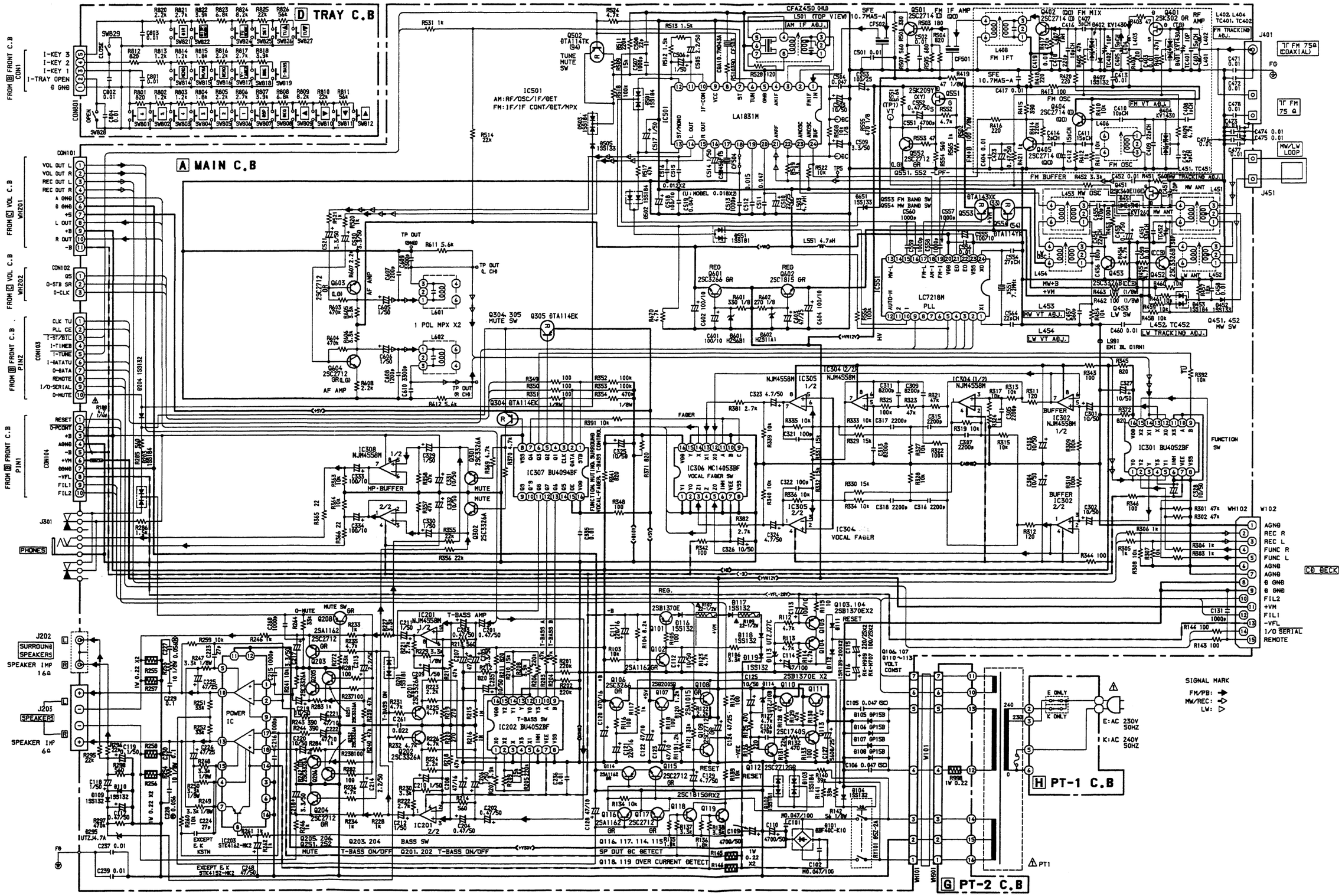
SPEAKER IMP:16Ω
SURROUND SPEAKERS
SPEAKERS
SPEAKER IMP:6Ω
AM LOOP
FM 75Ω
TP OUT
L G R B
W101
YEL GRY GRY
TO G PT-2 C.B WH901
U ONLY
HR ONLY
HE, LH, HR ONLY
HE, LH HR ONLY
HE, LH ONLY
J301 PHONES
FROM B FRONT C.B CON105
FROM B FRONT C.B CON104
TO CON102
WIRE 202
FROM G VOL C.B WH202
WIRE 201
TO CON101
FROM G VOL C.B WH201

SW824 TUNING MODE
SW819 T-BASE
SW822 DISPLAY MODE
SW825 SET
SW818 BBE
SW816 DEMO
SW826 DOWN
SW817 KARAOKE AUTO VOCAL FADER
TUNING
SW827 UP
SW807 DSP
SW821 DIRECT
SW806 ROCK/1
SW808 GEN
SW815 PRGM/MANU
SW805 POP/2
SW814 MEMORY
SW804 JAZZ/3
SW811
SW803 CLASSIC/4
SW809
SW810
SW802 HS/5
SW812
SW801 CAR/6

TRAY C.B

FROM B FRONT C.B CON1
FC1
SW829
SW828
(CLOSE)
(OPEN)

SCHEMATIC DIAGRAM – 2 (MAIN : E, K)



WIRING – 2 (MAIN : E, K)

A MAIN C.B

CD DECK
W102
(GRY)
(BLK)
BLK

J401
FM 75Ω
FM 75Ω (COAXIAL)
MW/LW LOOP
SPEAKER IMP:16Ω
SURROUND SPEAKERS
J202
SPEAKERS
J203
SPEAKER IMP:6Ω

YEL
GRY
GRY
W101
TO D PT-2 C.B
WH901

CON105
FROM B FRONT C.B
CON104
FROM A FRONT C.B
TO CON102
WIRE202
FROM C VOL C.B
WH202
TO CON101 WIRE201
FROM C VOL C.B
WH201

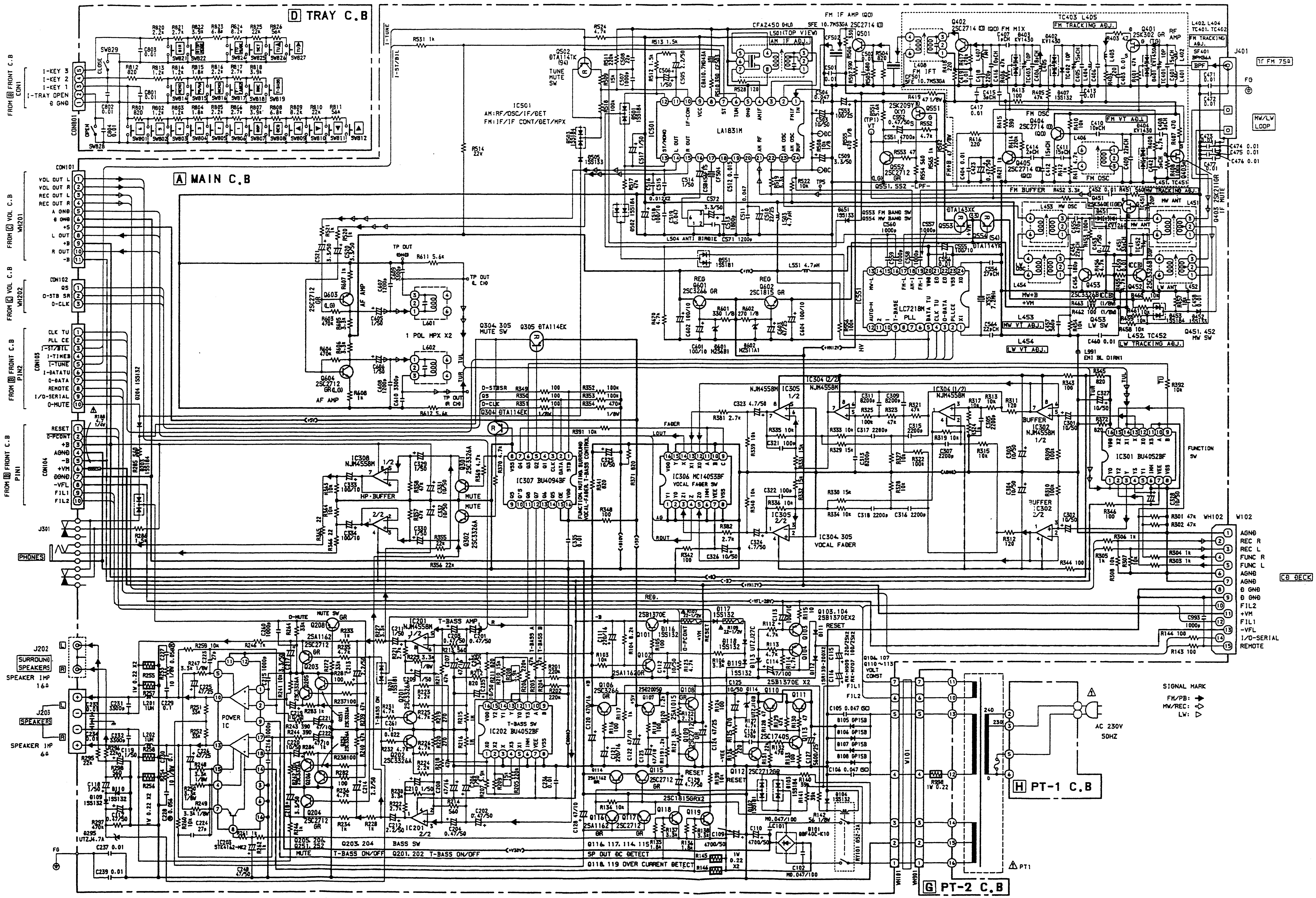
J301
PHONES

SW824 TUNING MODE
SW819 T-BASS
SW822 DISPLAY MODE
SW825 SET
SW818 BBE
SW816 DEMO
SW826 ▼DOWN
SW817 KARAOKE AUTO VOCAL FADER
TUNING
SW827 ▲UP
SW807 DSP
SW821 DIRECT
SW806 ROCK/1
SW808 DEQ
SW815 PROM/MANU
SW805 POP/2
SW814 MEMORY
SW804 JAZZ/3
SW811 ◀
SW803 CLASSIC/4
SW809 ▲
SW810 ▼
SW802 HS/5
SW812 ▶
SW801 CAR/6

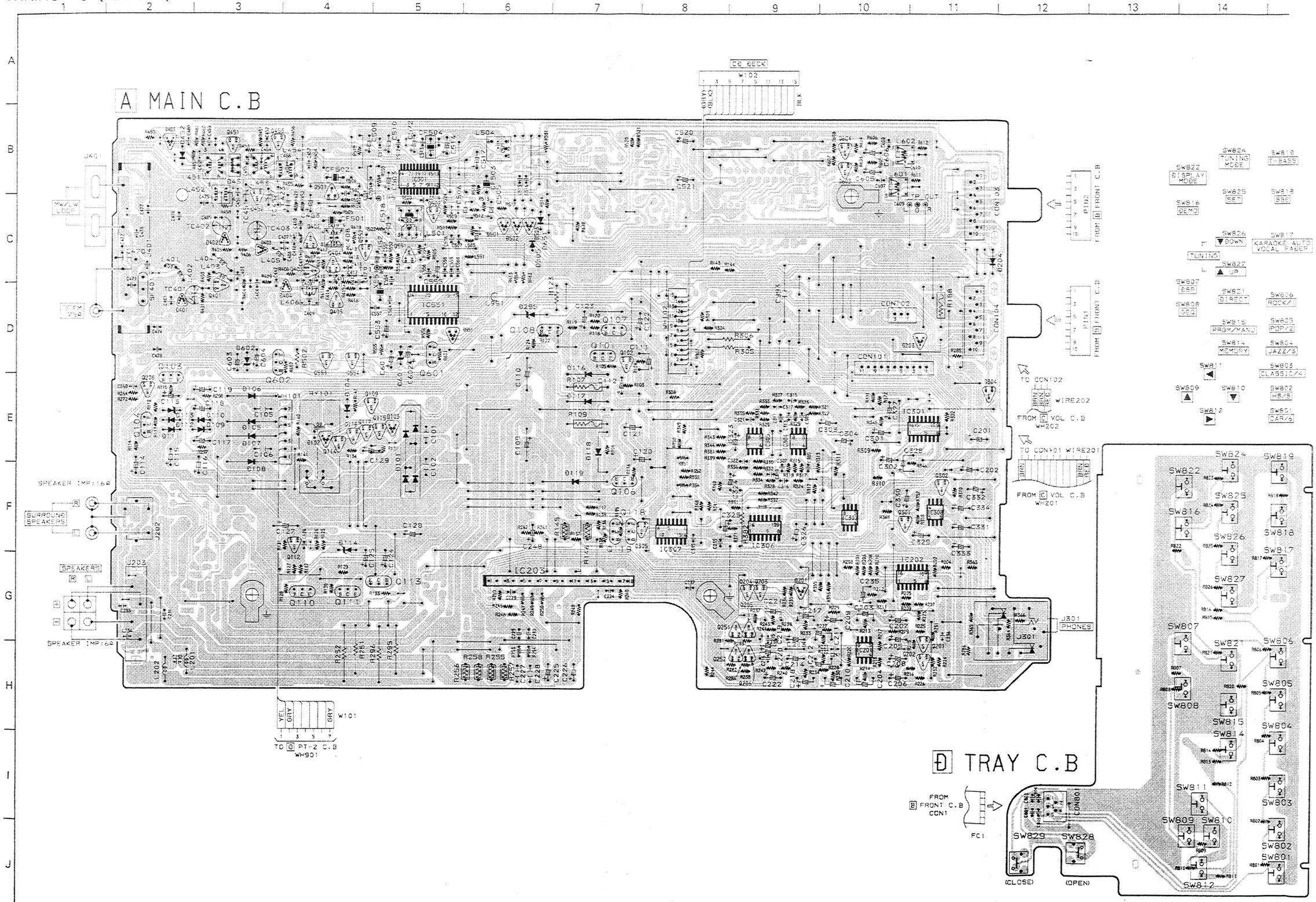
D TRAY C.B

FROM B FRONT C.B CON1
FC1
SW823
SW828
(CLOSE)
(OPEN)

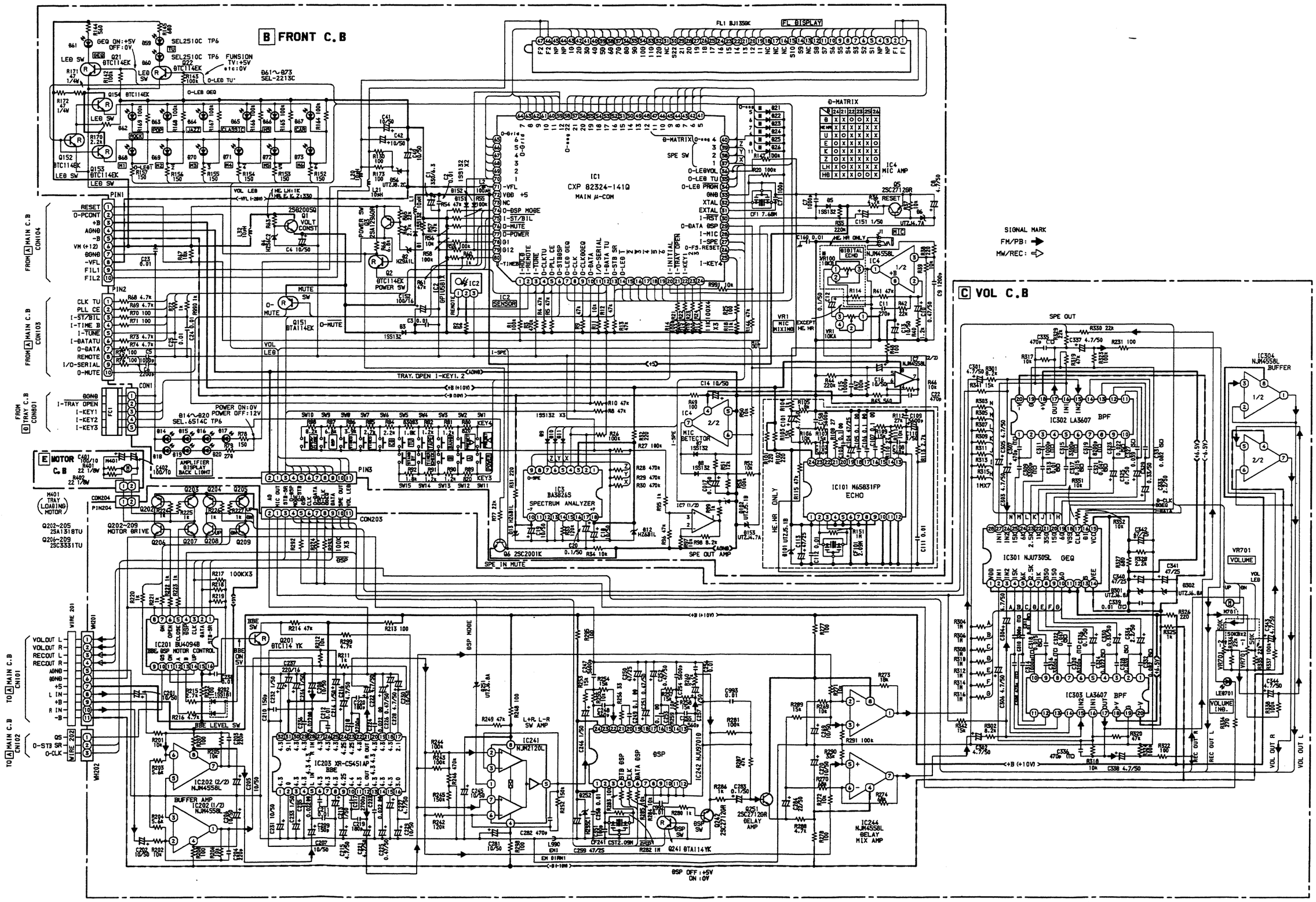
SCHEMATIC DIAGRAM – 3 (MAIN : Z)



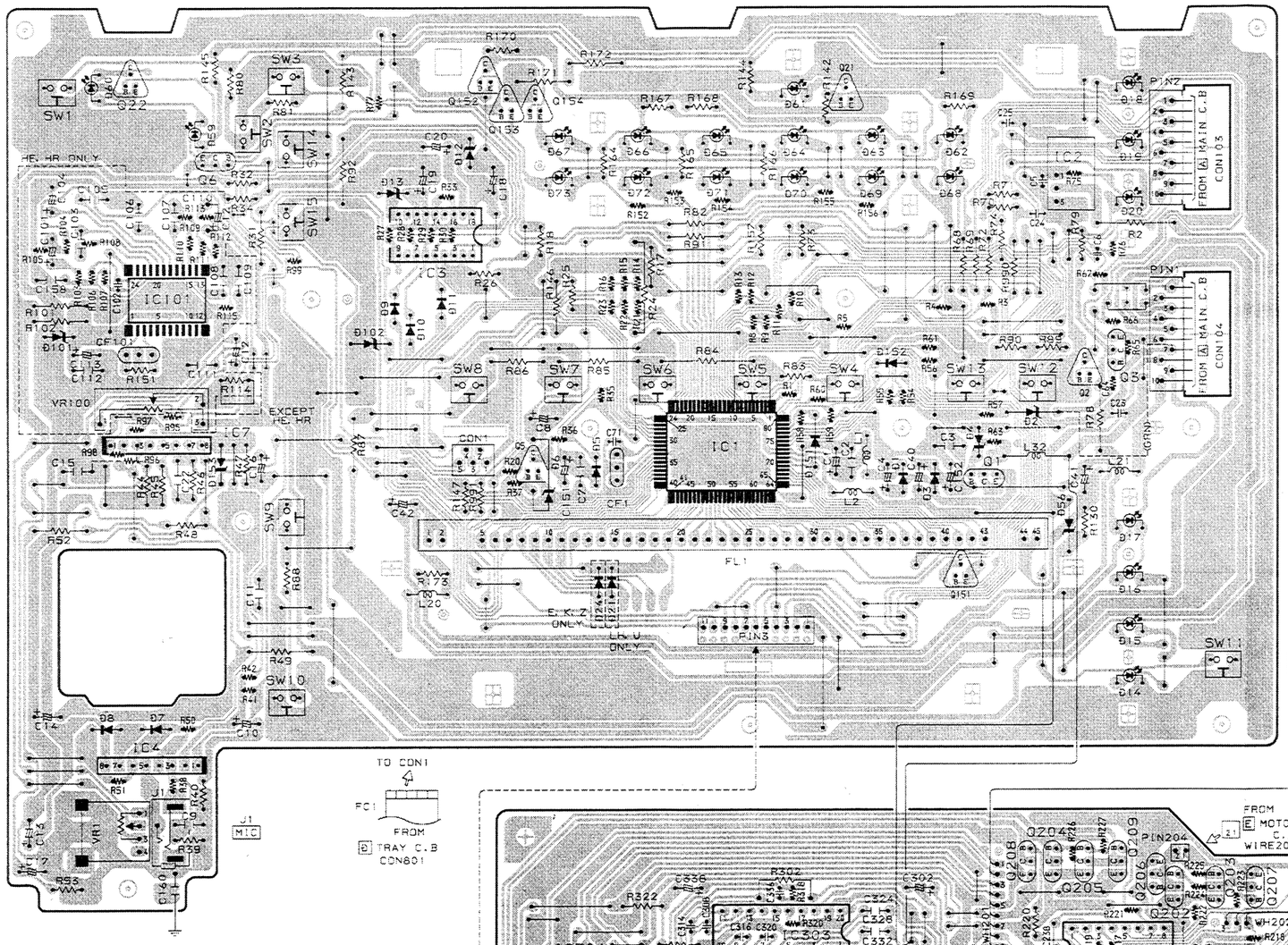
D TRAY C.B
A MAIN C.B
G PT-2 C.B
H PT-1 C.B
CON801
CON101
CON102
CON103
CON104
FROM B FRONT C.B CON1
FROM C VOL C.B WH201
FROM C VOL C.B WH202
FROM B FRONT C.B PIN2
FROM B FRONT C.B PIN1
I-KEY 3
I-KEY 2
I-KEY 1
I-TRAY OPEN
Ð GNÐ
VOL OUT L
VOL OUT R
REC OUT L
REC OUT R
A GNÐ
Ð GNÐ
+S
L OUT
+B
R OUT
-B
QS
D-STB SR
D-CLK
CLK TU
PLL CE
I-ST/BIL
I-TIMEB
I-TUNE
I-ÐATATU
D-ÐATA
REMOTE
I/O-SERIAL
D-MUTE
RESET
D-PCONT
AGNÐ
+VM
ÐGNÐ
-VFL
FIL1
FIL2
J301
PHONES
J202
SURROUND SPEAKERS
SPEAKER IMP 16Ω
J203
SPEAKERS
SPEAKER IMP 6Ω
FG
IC501
AM:RF/OSC/IF/DET
FM:IF/IF CONT/DET/MPX
LA1831M
TUNE MUTE SW
FM IF AMP (QO)
L501(TOP VIEW)
AM IF ADJ.
FM TRACKING ADJ.
FM MIX
RF AMP
FM OSC
FM VT ADJ.
FM BUFFER
MW TRACKING ADJ.
L453 MW OSC
MW ANT
LW OSC
LW ANT
MW VT ADJ.
LW VT ADJ.
LW TRACKING ADJ.
Q451, 452 MW SW
Q453 LW SW
Q403 2SK211GR IF MUTE
J401
75Ω FM
MW/LW LOOP
LC7218M PLL
Q553 FM BAND SW
Q554 MW BAND SW
REG Q601 2SC3266 GR
REG Q602 2SC1815 GR
AF AMP
1 POL MPX X2
TP OUT (L CH)
TP OUT (R CH)
Q304, 305 MUTE SW
IC307 BU4094BF
FUNCTION, MUTING, SURROUND VOCAL-FADER, T-BASS CONTROL
IC306 MC14053BF VOCAL FADER SW
IC304, 305 VOCAL FADER
IC302 NJM4558M BUFFER
IC301 BU4052BF
FUNCTION SW
IC308 NJM4558M HP-BUFFER
MUTE
W102
WH102
AGNÐ
REC R
REC L
FUNC R
FUNC L
Ð GNÐ
CD DECK
IC201 NJM4558M T-BASS AMP
IC202 BU4052BF T-BASS SW
IC203 STK4142-MK2
POWER IC
MUTE SW
Q205, 206, Q251, 252 MUTE
Q203, 204 BASS SW T-BASS ON/OFF
Q201, 202 T-BASS ON/OFF
Q116, 117, 114, 115 SP OUT DC DETECT
Q118, 119 OVER CURRENT DETECT
Q103, 104 2SB1370EX2
Q106, 107 Q110~113 VOLT CONST
RESET
REG.
RY101 G5Z-2A
D101 DBF40C-K10
WH101
WH901
AC 230V 50HZ
PT1
SIGNAL MARK
FM/PB:
MW/REC:
LW:


A MAIN C.B
CD DECK
W102
GRY
BLK
BLK
J40
MW/LW LOOP
TUNER 75Ω
SPEAKER IMP:16Ω
SURROUND SPEAKERS
J202
SPEAKERS
J203
SPEAKER IMP:16Ω
YEL
GRY
GRY
W101
TO G PT-2 C.B
WH901
CON105
FROM B FRONT C.B
PIN2
CON104
FROM B FRONT C.B
PIN1
CON102
CON101
TO CON102 WIRE202
FROM C VOL C.B
WH202
TO CON101 WIRE201
FROM C VOL C.B
WH201
J301
PHONES
J301
IC203
IC202
IC306
IC307
IC201
SW824 TUNING MODE
SW819 T-PASS
SW822 DISPLAY MODE
SW825 SET
SW818 BSO
SW816 DEMO
SW826 DOWN
SW817 KARAOKE AUTO VOCAL FADER
TUNING
SW827 UP
SW807 BSP
SW821 DIRECT
SW806 ROCK/I
SW808 BEO
SW815 PRGM/MANU
SW805 POPS/2
SW814 MEMORY
SW804 JAZZ/S
SW811
SW803 CLASSIC/4
SW809
SW810
SW802 HS/5
SW812
SW801 CAR/6
D TRAY C.B
FROM E FRONT C.B CON1
FC1
CON801
SW829
SW828
(CLOSE)
(OPEN)
SW811
SW803
SW809
SW810
SW802
SW801
SW812

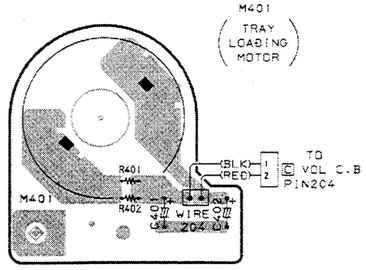
SCHEMATIC DIAGRAM – 4 (FRONT)



B FRONT C.B

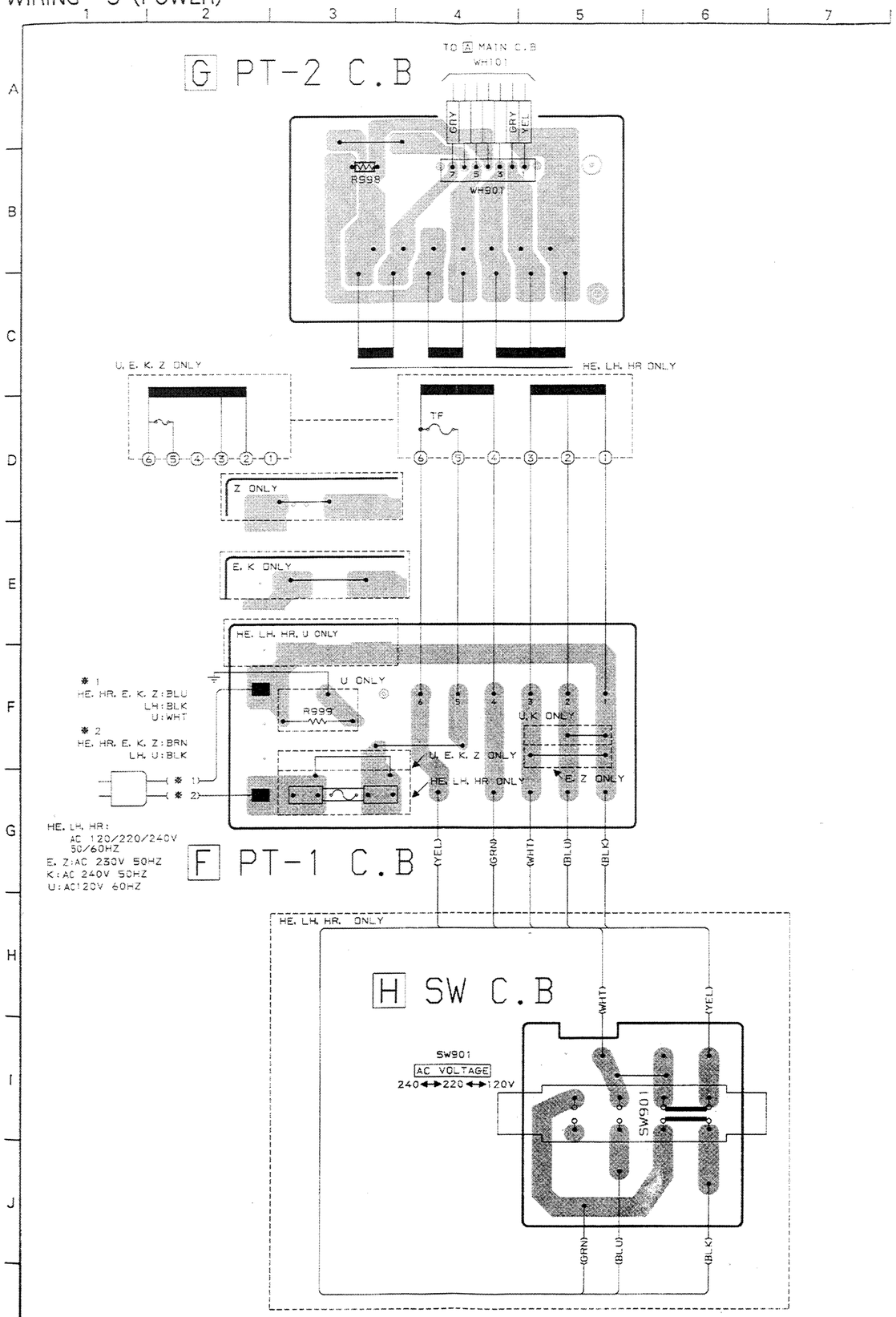


E MOTOR C.B



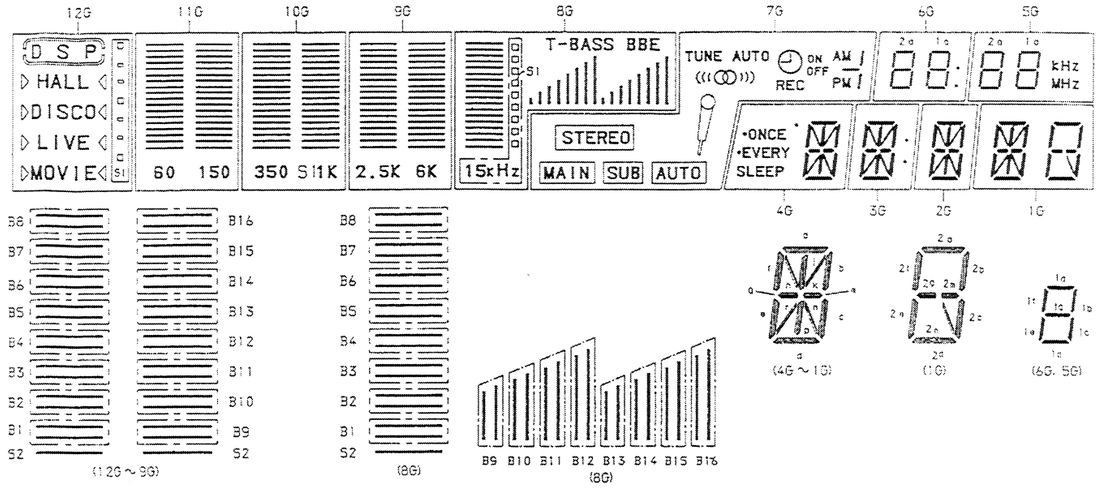
C VOL C.B

WIRING – 5 (POWER)



FL (BJ135GK) GRID ASSIGNMENT/ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
S1	▷MOVIE◁	B1	B1	B1	B1		–	–	ONCE	–	–	2g, 2m
S2	MOVIE	B2	B2	B2	B2	–	2f	2f	n	n	n	n
S3	▷LIVE◁	B3	B3	B3	B3	–	2c	2c	r	r	r	r
S4	LIVE	B4	B4	B4	B4		○(下)	MHz	c	c	c	c
S5	▷DISCO◁	B5	B5	B5	B5	PM	2d	2d	m	m	m	m
S6	DISCO	B6	B6	B6	B6		1b	1b	b	b	b	b
S7	▷HALL◁	B7	B7	B7	B7	AUTO	1c	1c	j	j	j	j
S8	HALL	B8	B8	B8	B8	((CD))	1d	1d	a	a	a	a
S9	DSP	B9	B9	B9	B9	STEREO	–	–	○(ONCE)	–	–	2a
S10	D S P	B10	B10	B10	B10	–	2a	2a	d	d	d	d
S11	–	B11	B11	B11	B11	–	2g	2g	p	p	p	p
S12	–	B12	B12	B12	B12		○(上)	KHz	e	e	e	e
S13	–	B13	B13	B13	B13	AM	2e	2e	g	g	g	g
S14	–	B14	B14	B14	B14	OFF	1f	1f	f	f	f	f
S15	–	B15	B15	B15	B15	REC	1g	1g	k	k	k	k
S16	–	B16	B16	B16	B16	TUNE	1e	1e	h	h	h	h
S17	S1	S1	S1	S1	S1	MAIN	–	–	SLEEP	–	–	2b
S18	–	S2	S2	S2	S2	AUTO	–	–	○(EVERY)	–	–	2n
S19	–	S3	S3	S3	–	SUB	–	–	EVERY	–	–	2d
S20	–	–	–	–	T-BASS	ON	1a	1a	○	○(上)	–	2f
S21	–	–	–	–	BBE	–	2b	2b	–	○(下)	–	2e
S22	–	–	–	–	–	–	–	–	–	–	–	2c

IC, DESCRIPTION

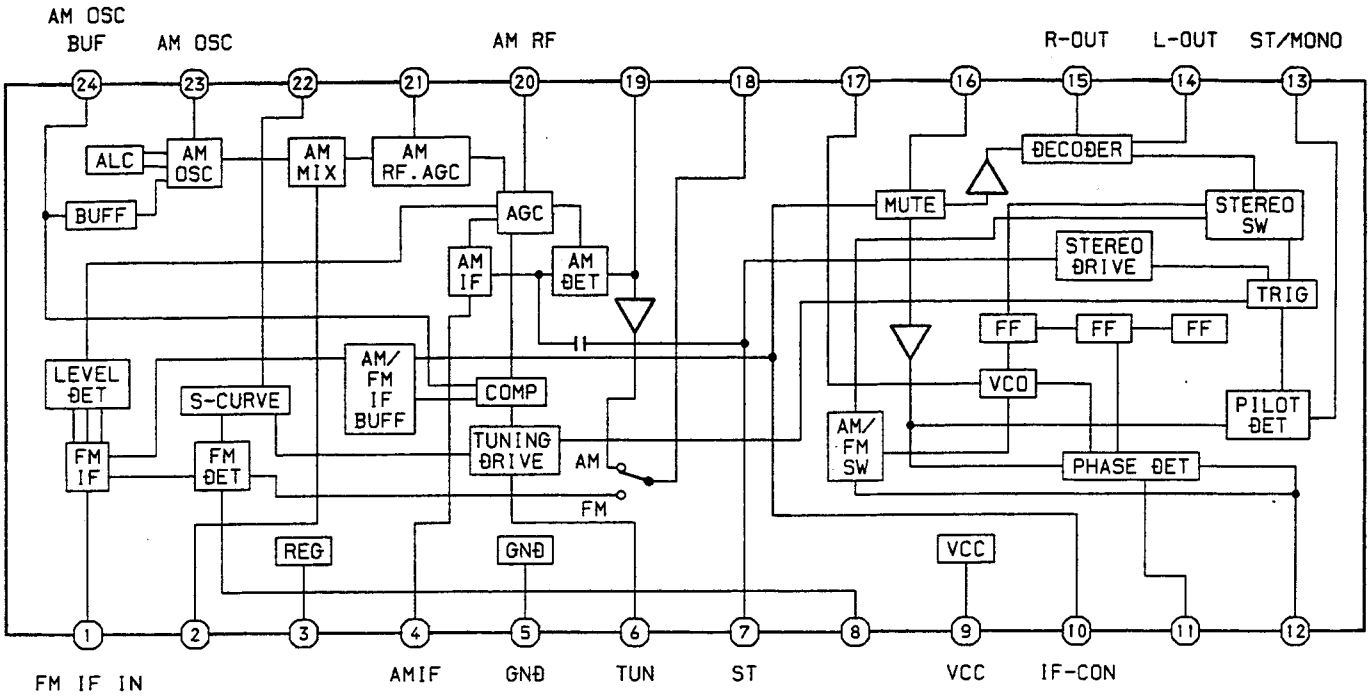
IC,CXP82324 – 141Q

Pin No.	Pin Name	I/O	Description
1	I-$\overline{\text{HOLD}}$	I	The present state is backed up when "L" is input.
2	I-REMOTE	I	Remote control signal input.
3	I-$\overline{\text{TUNE}}$	I	Frequency display and sending data to PLL are stopped during tuner reception (when "L" is input).
4	O-CLK TU	O	TU PLL clock.
5	O-PLL CE	O	TU PLL chip enable.
6	O-STB DSP	O	DSP chip enable.
7	O-LED GEQ	O	Output to light GEQ LEDs. "H" to light.
8	O-CLK	O	CLK for shift register and DSP.
9	O-CLKDGEQ	O	CLK for electronic GEQ.
10	O-DATA	O	Data for shift register, TU and electronic GEQ.
11	I/O-SERIAL	I/O	I/O for FD communication.
12	I-DATA TU	I	Data input from TU PLL.
13	O-STB SR	O	Shift register chip enable.
14~19	O-LED $\overline{1}$~$\overline{6}$	O	Output to light GEQ LEDs. "L" to light.
20	I-INITIAL	I	Input to initially set the micro-computer shipment destination.
21	I-$\overline{\text{TRAY OPEN}}$	I	CONTROL TRAY OPEN detect switch input. "L" when TRAY OPEN.
22~25	I-KEY 1~4	I	KEY A/D input.
26	O-FS·RESET	O	SPECTRUM ANALYZER IC RESET output.
27	I-SPE	I	SPECTRUM ANALYZER IC OUT input.
28	I-MIC	I	MIC LEVEL input.
29	O-DATA DSP	O	DSP DATA.
30	I-$\overline{\text{RST}}$	I	RESET input. Reset when "L".
31	EXTAL	O	Oscillation crystal connection pin.
32	XTAL	I	Oscillation crystal connection pin.
33	GND	—	GND.
34	O-LED $\overline{\text{PRGM}}$	O	Signal output to light electronic GEQ PRESET LED. "L" when PRESET PRGM lights.
35	O-LED TU	O	Signal output to light TU PRESET LED. "H" when TUNER functions.
36	O-LED VOL	O	Signal output to light VOL LED. "H" when VOL LED lights.
37~39	S1/SPESN X 〉 S3/SPESN Z	O	Segment output and SPECTRUM ANALYZER IC CONTROL output to light FL.
40~44	S4~8	O	Segment output and the initial set D-MATRIX output to light FL.
45~46	S9~10	O	Segment output to light FL.
47	S11	O	Segment output and the initial set D-MATRIX output to light FL.
48~58	S12~22	O	Segment output to light FL.
59~70	Grid 12~1	O	Grid output to light FL.
71	-VFL	I	-VFL input for FL (-28V).
72	VDD	I	+5V micro-computer power supply.
73	NC	I	Not used.
74	O-DSP MODE	O	"H" or "L" output depending up on DSP mode.
75	I-$\overline{\text{ST/BIL}}$	I	FL stereo bilingual mark lights when "L" is input.
76	O-$\overline{\text{MUTE}}$	O	Muting output.
77	O-$\overline{\text{POWER}}$	O	"L" output during power ON.
78	G1	I	Timing-1 input to light FL.
79	G12	I	Timing-2 input to light FL.
80	I-TIME B	I	CLK (8Hz) input for clock.

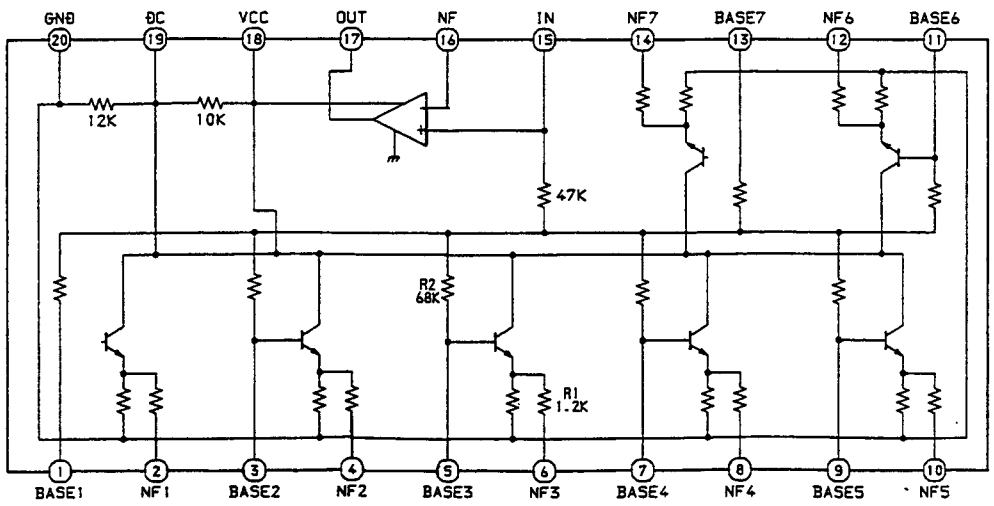
See the NSX – D55 (RX – N55) for the IC description below.		
	RX – N707	NSX – D55 (RX – N55)
①	IC,LC7218M	IC,LC7218

IC BLOCK DIAGRAM

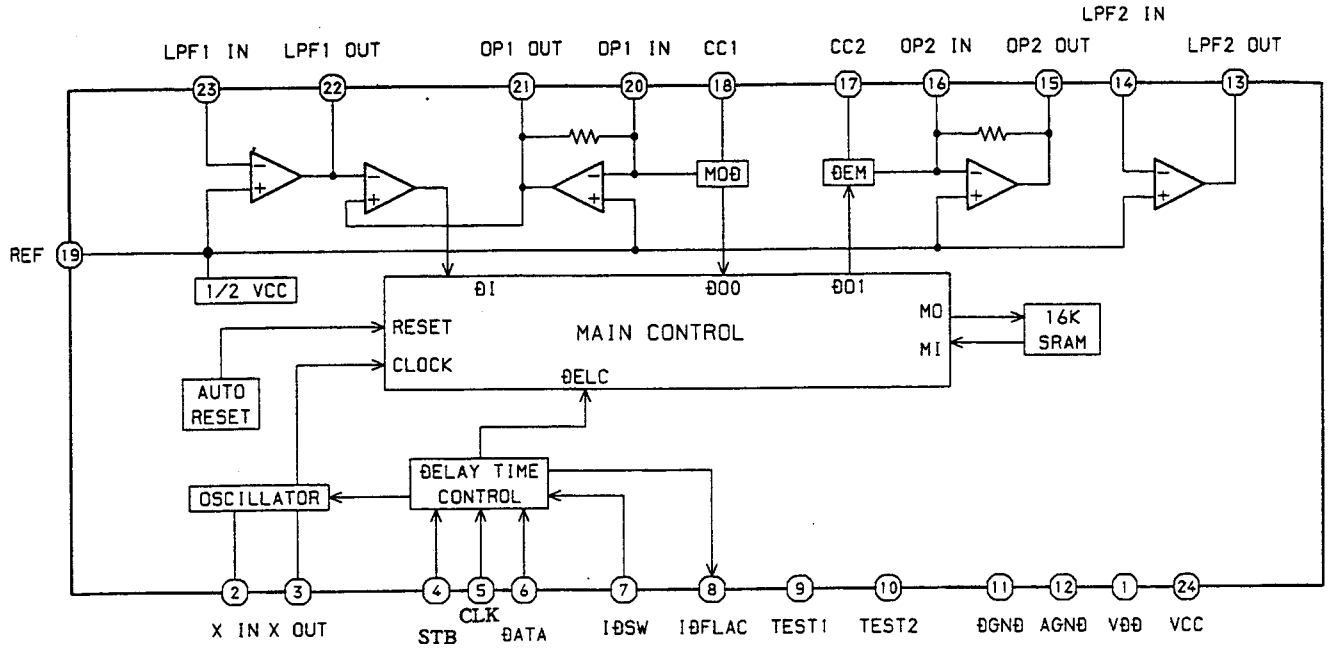
IC,LA1831M



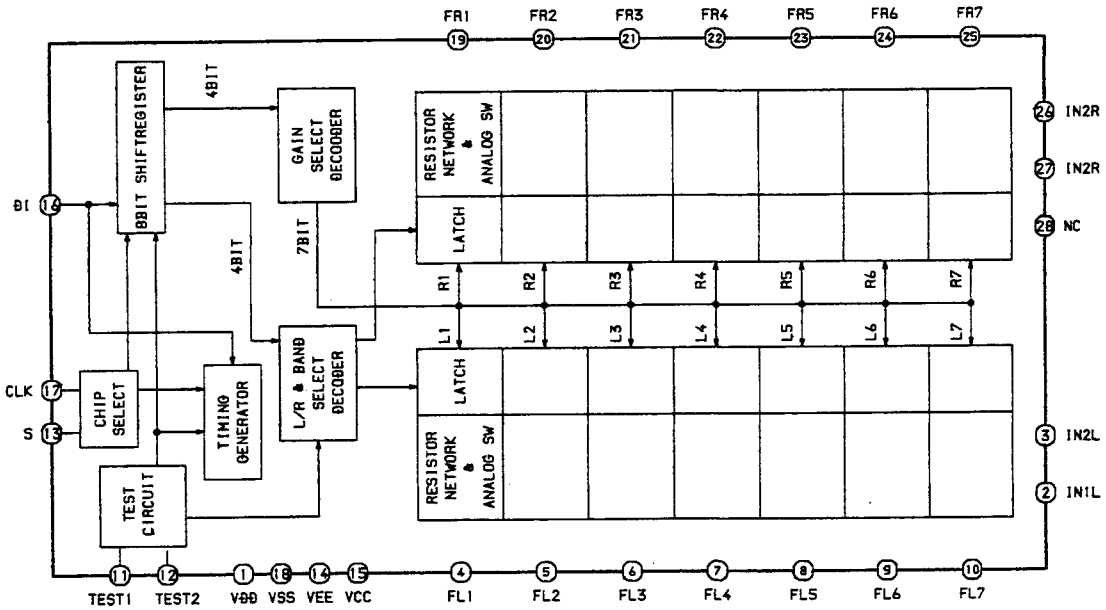
IC,LA3607



IC,NJU9701D

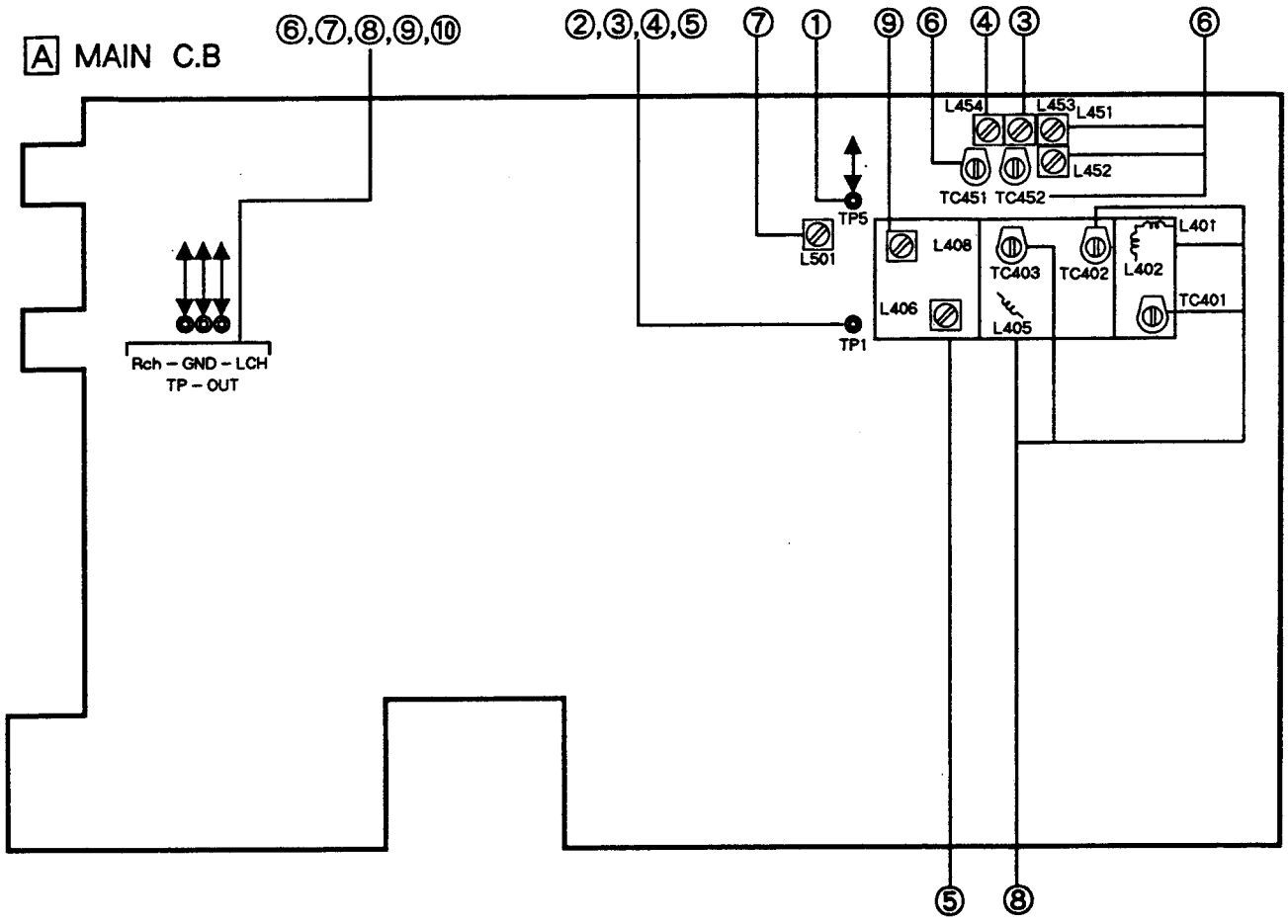


IC,NJU7305



See the NSX – D55 (RX – N55) for the IC Block Diagram below.		
	RX – N707	NSX – D55 (RX – N55)
①	IC,BU4052BF	IC,BU4052B
②	IC,BU4094B	IC,BU4094B
③	IC,BU4094BF	IC,BU4094B

ELECTRICAL ADJUSTMENT (TUNER)



〈TUNER SECTION〉

Initialized condition

GEQ VR : OFF
BBE SW : OFF
MIC VR : Minimum
BALANCE : Center
MAIN VR : Variable
DOLBY NR SW : OFF
T – BASS : OFF

1. Clock Check

Settings : • Test point : TP5
Method : Set to MW 1602kHz (HE,HR,E,K,Z), 1710kHz (LH,U) and adjust so that the test point becomes 2052kHz ± 0.05kHz (HE,HR,E,K,Z), 2160kHz ± 0.05kHz (LH,U).

2. MW VT Check (HE,LH,U ONLY)

Settings : • Test point : TP1
Method : Set to MW 531kHz and check so that the test point becomes 1.1V ± 0.2V.

3. MW VT Adjustment (E,K,Z ONLY)

Settings : • Test point : TP1
• Adjustment location : L453
Method : Set to MW 531kHz and adjust so that the test point becomes 1.1V ± 0.05V.

4. LW VT Adjustment (E,K,Z ONLY)

Settings : • Test point : TP1
• Adjustment location : L454
Method : Set to LW 144kHz and adjust so that the test point becomes 1.3V ± 0.05V.

5. FM VT Adjustment

Settings : • Test point : TP1
• Adjustment location : L406
Method : Set to FM 108MHz and adjust L406 so that the test point becomes 9.4V ± 0.05V.

6. MW, LW Tracking Adjustment (E,K,Z ONLY)

Settings : • Test point : TP – OUT

MW

L451 ····· 603kHz
TC451 ····· 1404kHz

LW

L452 ····· 144kHz
TC452 ····· 290kHz

7. MW/LW IF Adjustment

Settings : • Test point : TP – IF

L501 ····· 450kHz

8. FM Tracking Adjustment

Settings : • Test point : TP – OUT

TC401,TC402 ····· 108MHz

TC403 ····· 108MHZ (Z)

L401,L402 ····· 87.5MHz

L405 ····· 87.5MHZ (Z)

9. FM IF Adjustment

Settings : • Test point : TP – OUT

L408 ····· 10.7MHz

10. FM Separation Check

Settings : • Test point : TP – OUT

Method : Set to FM 98.0MHz and check the separation at TP – OUT becomes more than 27dB.

PRACTICAL SERVICE FIGRE (TUNER)

TUNER SECTION

< FM SECTION >

IHF Sensitivity :	4dB ± 4dB (87.5MHz)
	8dB ± 4dB (87.5MHz) (Z model)
(THD 3%)	4dB ± 4dB (98.0MHz)
	6dB ± 4dB (98.0MHz) (Z model)
	4dB ± 3dB (108.0MHz)
	6dB ± 4dB (108.0MHz) (Z model)
S/N 50dB Quieting sensitivity :	
	36dB ± 5dB (87.5/98.0/108.0MHz)
(46dB Z MODEL)	Less than 44dB (87.5/90.0/108.0MHz)
Signal to noise ratio :	(MONO) More than 78dB (98.0MHz)
	(STEREO) More than 64dB (98.0MHz)
Distortion :	(MONO) Less than 0.6% (98.0MHz)
	(STEREO) Less than 0.8% (98.0MHz)
Stereo separation :	More than 27dB (98.0MHz)
Intermediate frequency :	10.7MHz

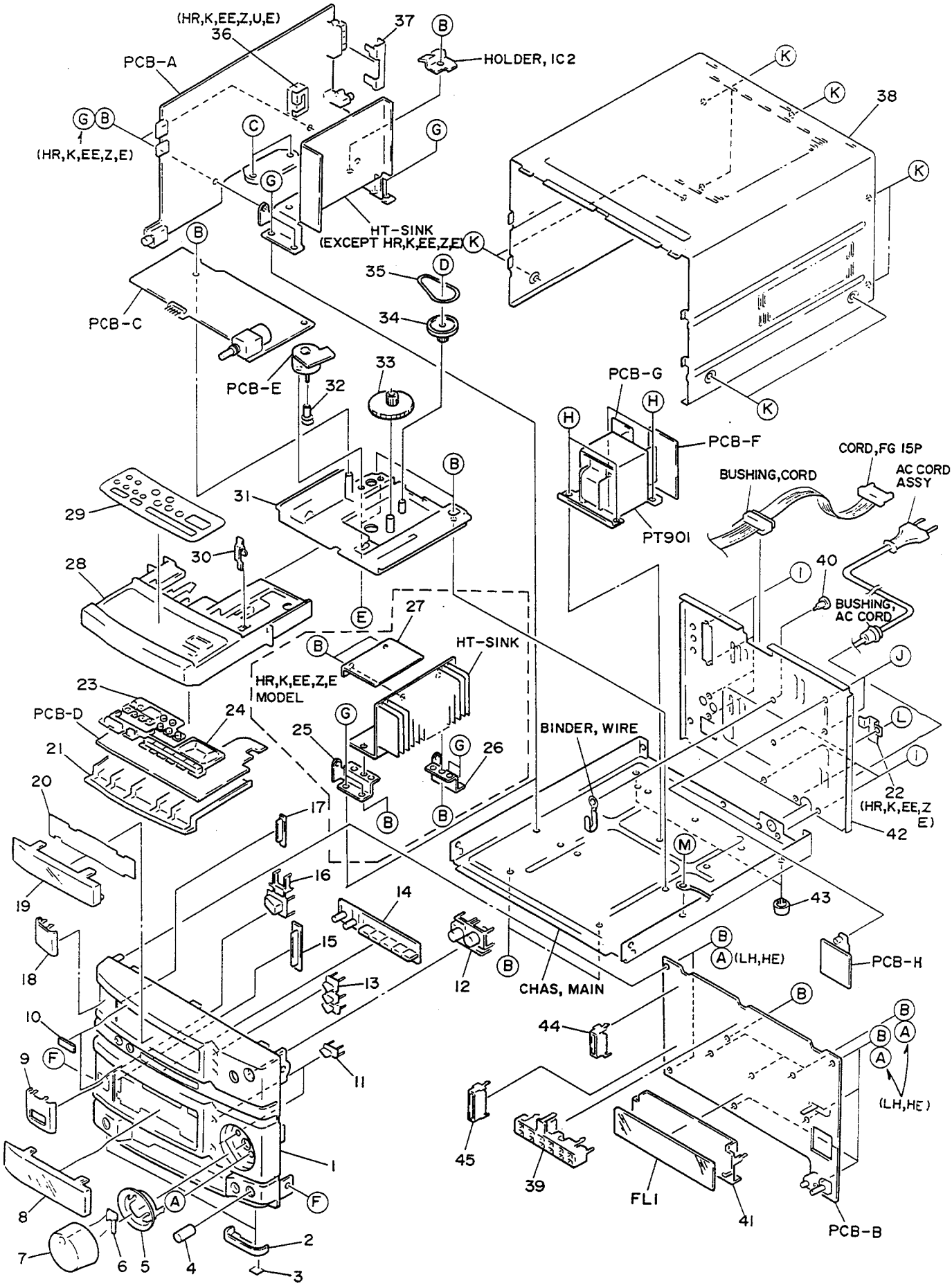
< AM (MW) SECTION >

Sensitivity :	56dB ± 6dB (603kHz)
(S/N 20dB)	52dB ± 6dB (999kHz)
	51dB ± 6dB (1404kHz)
Distortion :	Less than 1.5% (999kHz)
Stereo separation :	More than 25dB (1kHz)
Intermediate frequency :	450kHz

< LW SECTION > (E,K,Z)

Sensitivity :	63dB ± 5dB (144kHz)
(S/N 20dB)	60dB ± 5dB (198kHz)
	60dB ± 5dB (290kHz)
Distortion :	Less than 1.5% (198kHz)
Intermediate frequency :	450kHz

MECHANICAL EXPLODED VIEW 1/1



MECHANICAL PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
1	82-NT2-056-010		CAB, FR 2[N]〈HE〉
1	82-NT2-043-010		CAB, FR 2[ST]〈K, E, Z〉
1	82-NT2-002-010		CAB, FR[B]〈HE, HR〉
1	82-NT2-004-010		CAB, FR[B]〈U〉
1	82-NT2-001-010		CAB, FR[B]〈LH, K, EE, Z, E〉
2	82-NT2-064-010		RING, FOOT 2[N]
2	82-NT1-036-010		RING, FOOT[B, ST]
3	80-VT1-202-010		FELT, 12.5-15.5-2
4	80-MT3-014-010		KNOB MIC
5	82-NT2-048-010		RING, VOL 2[N, ST]
5	82-NT1-030-010		RING, VOL[B]
6	82-NE6-016-010		IND, MAIN
7	82-NT1-051-010		KNOB, MAIN[B]
7	82-NT2-060-010		KNOB, VOL 2[N]
7	82-NT2-047-010		KNOB, VOL 2[ST]
8	82-NT1-028-010		WINDOW, AMP
9	82-NT1-045-010		DUMMY, POWER
10	81-MX4-032-010		BADGE, AIWA N
11	82-NT1-037-010		KEY, DSP
12	82-NT1-018-010		KEY, UP/DOWN
13	82-NT1-019-010		KEY, TU
14	82-NT1-020-010		KEY, FUN
15	82-NT1-026-010		IND, AMP
16	82-NT1-015-010		KEY, POWER
17	82-NT1-027-010		IND, TU
18	82-NT1-017-010		DUMMY
19	82-NT2-016-010		WINDOW, TU 2
20	82-NT2-015-010		PLATE, DISPLAY
21	82-NT2-203-010		PLATE, BOTTOM 2[N]
21	82-NT2-202-010		PLATE, BOTTOM 2[ST]
21	82-NT1-202-010		PLATE, BOTTOM[B]
22	82-NT1-230-010		HLDR EIRE[B, ST]〈HR, K, EE, Z, E〉
23	82-NT2-018-010		KEY, GE 2[B]
23	82-NT2-046-010		KEY, GE 2[N, ST]
24	82-NT2-017-010		KEY, T-BASS[B]
24	82-NT2-045-010		KEY, T-BASS 2[N, ST]
25	82-NT1-209-010		HLDR, MAIN 1[B]〈HR〉
25	82-NT1-228-010		HLDR, MAIN1[B, ST]〈K, EE, Z, E〉
26	82-NT1-210-010		HLDR, MAIN 2[B]〈HR〉
26	82-NT1-229-010		HLDR, MAIN2[B, ST]〈K, EE, Z, E〉
27	82-NT1-226-010		COVER, HT-SINK[B, ST]〈HR, K, EE, Z, E〉
28	82-NT2-030-010		CAB, TRAY 2[B]〈K, EE, Z, U, E〉
28	82-NT2-029-010		CAB, TRAY 2[B]〈HE, LH, HR〉
28	82-NT2-062-010		CAB, TRAY 2[N]〈HE〉
28	82-NT2-049-010		CAB, TRAY 2[ST]〈K, E, Z〉
29	82-NT2-014-110		PLATE, TRAY 2[B]
29	82-NT2-063-010		PLATE, TRAY 2[N]
29	82-NT2-050-010		PLATE, TRAY 2[ST]
30	81-MT3-211-010		LEVER, OPEN
31	82-NT1-203-110		HLDR, TRAY
32	89-VW5-206-010		PULLEY MOTOR
33	82-NT1-204-010		GEAR, LOADING
34	82-NT1-205-010		PULLEY, LOADING
35	80-VW1-217-010		BELT, SQ 1.5
36	82-NT2-208-010		WIRE CLAMP[B, ST]〈HR, K, EE, Z, U, E〉
37	81-653-648-010		ANT TERM EARTH[B, ST]〈K, EE, Z, E〉
37	81-653-638-110		ANT TERM EARTH[B, N]〈HE, HR, U, LH〉
38	82-NT1-063-010		CAB, STEEL[B]〈K, EE, Z, E〉
38	82-NT1-006-010		CAB, STEEL[B]〈HE, HR, U, LH〉
38	82-NT2-057-010		CAB, STEEL[N]〈HE〉
38	82-NT2-070-010		CAB, STEEL[ST]〈K, E, Z〉
39	82-NT2-201-010		GUIDE, LED
40	87-084-077-010		RIVET, NYLON 3.5-4.5
41	81-DS2-204-210		GUIDE, FL
42	82-NT2-007-010		PANEL, REAR[B, N]〈HEJ〉
42	82-NT2-037-010		PANEL, REAR[B, N]〈HE〉
42	82-NT2-011-010		PANEL, REAR[B, ST]〈K〉
42	82-NT2-012-010		PANEL, REAR[B, ST]〈Z〉
42	82-NT2-010-010		PANEL, REAR[B, ST]〈EE, E〉
42	82-NT2-009-010		PANEL, REAR[B]〈U〉
42	82-NT2-031-010		PANEL, REAR[B]〈HR〉
42	82-NT2-008-010		PANEL, REAR[B]〈LHJ〉
42	82-NT2-038-010		PANEL, REAR[B]〈LH〉
43	87-085-213-010		FOOT, H12.5
44	82-NT1-219-010		GUIDE, LED 2
45	82-NT1-207-010		GUIDE, LED
A	87-067-703-010		BVT2+3-10
B	87-067-579-010		BVT2+3-8W/O SLOT
C	87-067-581-010		BVT2+3-15W/O SLOT
D	87-861-095-410		VFT2+3-8 CUT
E	87-261-073-410		V+2.6-6
F	87-591-094-410		QIT+3-6
G	87-067-688-010		BVTT+3-6
H	87-078-019-010		S-SCREW, IT+4-6
I	87-067-660-010		BVT2+3-8W/O SLOT BLK
J	80-VP2-202-010		S-SCREW, VT2BLK[B, N]〈HE, LH, HR〉
K	87-067-641-010		UTT+3-8 W/O SLOT
L	87-253-094-410		U+3-6 BLK[B, ST]〈HR, K, EE, Z, E〉
M	87-571-093-410		VTT+3-5

MODEL NO.

FD-N707/N909

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.

- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserståling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!
Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-tåjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!
Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!
Usynlig laserståling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

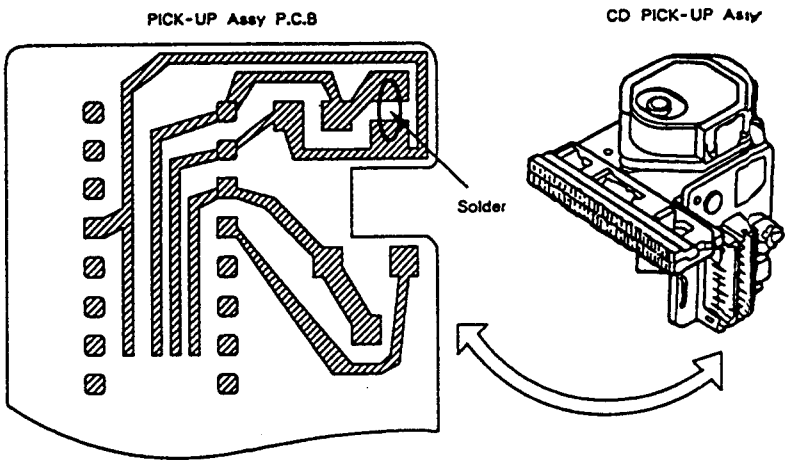
This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Precaution to replace Optical block (KSS – 210A)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure to ground body and workbench, and make sure the clothes do not touch the diode.

1) After the connection, remove the solder shown in the right figure.



ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
IC			
	87-020-793-080		IC, CXA-1081M
	87-020-794-110		IC, CXA-1082BQ
	87-001-944-010		IC, CXD-1167Q
	87-002-639-089		IC, BA6296FA
	87-017-194-010		IC, PLT104
	87-017-022-089		IC, NJM2068M-D(T1)
	87-002-881-080		IC, SM5871AS
	87-001-607-089		IC, NJM4558M
	87-001-224-089		IC, NJU4066BM
	82-NV1-625-110		IC, UPD78043GF-032
	87-002-394-019		IC, LB1641
	87-017-023-089		IC, NJU4052BM
	87-001-908-019		IC, CXA1332S
	87-002-872-080		IC, MC14053BF
	87-020-730-089		IC, TC4069 UBF
	87-002-901-089		IC, BU4094 BF
	87-001-334-010		IC, LB9051A
TRANSISTOR			
	87-026-463-010		TR, 2SA933S
	89-109-521-089		TR, 2SA952K
	89-327-125-089		C-TR, 2SC2712GR
	87-026-210-089		C-TR, DTC144EK T147
	87-026-238-089		C-TR, DTC144WK
	89-113-625-089		C-TR, 2SA1362GR(TAPG)
	89-213-702-019		TR, 2SB1370E
	89-333-317-889		TR, 2SC3331TU
	89-320-011-089		TR, 2SC2001K
	87-026-235-089		C-TR, DTC114EK
	89-503-685-089		C-FET, 2SK368GR
	87-026-233-089		TR, DTA114TK
	89-328-785-089		TR, 2SC2878-A (E2-M)
	87-026-228-089		C-TR, DTA124EK
	89-318-155-089		TR, 2SC1815GR
DIODE			
	87-002-564-089		DIODE, 1SS133 RA
	87-020-465-089		DIODE, 1SS133 T-72
	87-017-097-059		ZENER, HZS6B1 RA
	87-002-836-089		DIODE, 1A3-J
	87-017-121-089		ZENER, HZS11A1
	87-020-123-089		DIODE, DS446-AT(TA)
	87-001-290-089		ZENER, HZS6B1L
	87-017-097-089		ZENER, HZS6B1
	87-001-559-089		DIODE, ISS131 T-72
CD C.B			
C1	87-010-184-089		C-CAP, S 3300P-50 B
C2	87-010-263-089		CAP, E 100-10
C3	87-010-178-089		C-CAP, S 1000P-50 B
C4	87-010-374-089		CAP, E 47-10
C5	87-010-248-089		CAP, E 220-10 SME
C6	87-010-197-089		C-CAP, S 0.01-25 B
C7	87-010-193-089		C-CAP, S 0.033-25 F
C8	87-010-193-089		C-CAP, S 0.033-25 F
C9	87-010-197-089		C-CAP, S 0.01-25 B
C10	87-010-400-089		CAP, E 0.47-50 SME
C11	87-010-248-089		CAP, E 220-10 SME
C13	87-010-197-089		C-CAP, S 0.01-25 B
C14	87-010-193-089		C-CAP, S 0.033-25 F
C15	87-010-197-089		C-CAP, S 0.01-25 B
C16	87-010-184-089		C-CAP, S 3300P-50 B
C17	87-010-196-089		C-CAP, S 0.1-25 F
C18	87-010-193-089		C-CAP, S 0.033-25 F
C19	87-010-405-089		CAP, E 10-50 SME
C20	87-010-196-089		C-CAP, S 0.1-25 F
C21	87-010-382-089		CAP, E 22-25 SME
C22	87-010-401-089		CAP, E 1-50 SME
C24	87-010-197-089		C-CAP, S 0.01-25 B
C25	87-010-263-089		CAP, E 100-10
C26	87-010-197-089		C-CAP, S 0.01-25 B
C27	87-010-263-089		CAP, E 100-10
C28	87-010-197-089		C-CAP, S 0.01-25 B
C29	87-010-404-089		CAP, E 4.7-50 SME
C30	87-010-374-089		CAP, E 47-10
C31	87-010-178-089		C-CAP, S 1000P-50 B
C32	87-012-157-089		C-CAP, S 330P-50 CH
C33	87-010-193-089		C-CAP, S 0.033-25 F
C34	87-010-400-089		CAP, E 0.47-50 SME
C35	87-010-197-089		C-CAP, S 0.01-25 B
C36	87-010-197-089		C-CAP, S 0.01-25 B
C37	87-010-404-089		CAP, E 4.7-50 SME
C38	87-010-263-089		CAP, E 100-10
C39	87-010-197-089		C-CAP, S 0.01-25 B
C40	87-010-193-089		C-CAP, S 0.033-25 F
C41	87-010-221-089		CAP, E 470-10
C42	87-010-197-089		C-CAP, S 0.01-25 B
C43	87-010-221-089		CAP, E 470-10
C44	87-010-197-089		C-CAP, S 0.01-25 B
C45	87-010-248-089		CAP, E 220-10 SME
C46	87-010-197-089		C-CAP, S 0.01-25 B
C47	87-010-196-089		C-CAP, S 0.1-25 F
C48	87-010-196-089		C-CAP, S 0.1-25 F
C49	87-010-196-089		C-CAP, S 0.1-25 F
C50	87-010-196-089		C-CAP, S 0.1-25 F
C51	87-010-197-089		C-CAP, S 0.01-25 B
C52	87-010-263-089		CAP, E 100-10
C53	87-010-197-089		C-CAP, S 0.01-25 B
C54	87-010-314-089		C-CAP, S 22P-50 CH
C55	87-010-314-089		C-CAP, S 22P-50 CH
C56	87-010-316-089		C-CAP, S 33P-50 CH
C101	87-010-263-089		CAP, E 100-10
C102	87-010-197-089		C-CAP, S 0.01-25 B
C103	87-010-263-089		CAP, E 100-10
C104	87-010-263-089		CAP, E 100-10
C105	87-010-196-089		C-CAP, S 0.1-25 F
C106	87-010-316-089		C-CAP, S 33P-50 CH
C107	87-010-316-089		C-CAP, S 33P-50 CH
C108	87-010-197-089		C-CAP, S 0.01-25 B
C109	87-012-154-089		C-CAP, S 150P-50 CH
C110	87-012-154-089		C-CAP, S 150P-50 CH
C111	87-012-157-089		C-CAP, S 330P-50 CH
C112	87-012-157-089		C-CAP, S 330P-50 CH
C113	87-012-157-089		C-CAP, S 330P-50 CH
C114	87-012-157-089		C-CAP, S 330P-50 CH
C115	87-010-405-089		CAP, E 10-50 SME
C116	87-010-405-089		CAP, E 10-50 SME
C117	87-010-178-089		C-CAP, S 1000P-50 B
C118	87-010-178-089		C-CAP, S 1000P-50 B
C119	87-010-248-089		CAP, E 220-10 SME
C120	87-010-248-089		CAP, E 220-10 SME
C121	87-012-157-089		C-CAP, S 330P-50 CH
C122	87-012-157-089		C-CAP, S 330P-50 CH
C123	87-012-157-089		C-CAP, S 330P-50 CH
C124	87-012-157-089		C-CAP, S 330P-50 CH
C201	87-010-263-089		CAP, E 100-10
C202	87-010-196-089		C-CAP, S 0.1-25 F
C203	87-010-401-089		CAP, E 1-50 SME
C204	87-010-405-089		CAP, E 10-50 SME
C205	87-010-405-089		CAP, E 10-50 SME
C206	87-010-405-089		CAP, E 10-50 SME
C207	87-010-196-089		C-CAP, S 0.1-25 F
C208	87-010-197-089		C-CAP, S 0.01-25 B
C209	87-010-178-089		C-CAP, S 1000P-50 B
C211	87-010-235-089		CAP, E 470-16 SME
C212	87-010-197-089		C-CAP, S 0.01-25 B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C213	87-010-196-089		C-CAP, S 0.1-25 F
C214	87-010-197-089		C-CAP, S 0.01-25 B
C216	87-010-382-089		CAP, E 22-25 SME
C250	87-010-405-089		CAP, E 10-50 SME
C301	87-010-237-089		CAP, E 1000-16
C302	87-010-178-089		C-CAP, S 1000P-50 B
C303	87-010-221-089		CAP, E 470-10
C304	87-010-178-089		C-CAP, S 1000P-50 B
C305	87-010-263-089		CAP, E 100-10
C306	87-010-075-089		CAP, E 10-16 5L
C307	87-010-405-089		CAP, E 10-50 SME
C308	87-010-075-089		CAP, E 10-16 5L
C309	87-010-196-089		C-CAP, S 0.1-25 F
C310	87-010-196-089		C-CAP, S 0.1-25 F
C501	87-010-405-089		CAP, E 10-50 SME
C502	87-010-405-089		CAP, E 10-50 SME
C503	87-010-404-089		CAP, E 4.7-50 SME
C504	87-010-404-089		CAP, E 4.7-50 SME
C505	87-010-374-089		CAP, E 47-10
C506	87-010-221-089		CAP, E 470-10
C507	87-010-384-089		CAP, E 100-25 SME
C508	87-010-075-089		CAP, E 10-16 5L
C509	87-010-075-089		CAP, E 10-16 5L
C510	87-010-197-089		C-CAP, S 0.01-25 B
C511	87-010-321-089		C-CAP, S 82P-50 CH
C512	87-010-321-089		C-CAP, S 82P-50 CH
C513	87-010-321-089		C-CAP, S 82P-50 CH
C514	87-010-321-089		C-CAP, S 82P-50 CH
C515	87-010-321-089		C-CAP, S 82P-50 CH
C516	87-010-321-089		C-CAP, S 82P-50 CH
C517	87-010-321-089		C-CAP, S 82P-50 CH
C518	87-010-321-089		C-CAP, S 82P-50 CH
C519	87-010-321-089		C-CAP, S 82P-50 CH
FL601	82-NV1-626-019		FL, 8-ST-15G
J501	81-VP1-634-019		JACK, PIN 3P
J502	81-VP1-634-019		JACK, PIN 3P
J503	81-VP1-635-019		JACK, PIN 3P EARTH
L1	87-003-295-089		COIL, 10UH
L101	87-003-295-089		COIL, 10UH
L501	87-008-474-089		F-BEAD, EMI BL02RN1
L502	87-008-474-089		F-BEAD, EMI BL02RN1
L503	87-008-474-089		F-BEAD, EMI BL02RN1
L504	87-008-474-089		F-BEAD, EMI BL02RN1
M401	87-045-305-019		MOTOR, RF-500TB
R25	87-022-396-089		C-RES, S 3.6K-1/10WF
R33	87-022-214-089		C-RES, S 100K-1/10WF
R34	87-022-214-089		C-RES, S 100K-1/10WF
SFR1	87-024-173-089		SFR, 22K DIA6 V
SFR2	87-024-173-089		SFR, 22K DIA6 V
SFR3	87-024-173-089		SFR, 22K DIA6 V
SFR4	87-024-168-089		SFR, 1K DIA6 V
VR501	81-MX4-636-019		VR, 50KBX2 RK14K12A0
X101	87-030-270-089		VIB, XTAL 16.9344MHZ
X201	87-008-394-089		CF CST 4.19 MGW

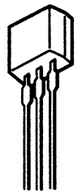
DECK C. B

C101	87-012-158-089		C-CAP, S 390P-50 CH
C102	87-012-158-089		C-CAP, S 390P-50 CH
C103	87-010-318-089		C-CAP, S 47P-50 CH
C104	87-010-318-089		C-CAP, S 47P-50 CH
C105	87-010-426-089		C-CAP, S 0.012-25 B
C106	87-010-426-089		C-CAP, S 0.012-25 B
C109	87-012-154-089		C-CAP, S 150P-50 CH
C110	87-012-154-089		C-CAP, S 150P-50 CH
C111	87-010-404-089		CAP, E 4.7-50 SME
C112	87-010-404-089		CAP, E 4.7-50 SME
C113	87-010-404-089		CAP, E 4.7-50 SME
C114	87-010-404-089		CAP, E 4.7-50 SME
C115	87-010-101-089		CAP, E 220-16 SME
C116	87-010-197-089		C-CAP, S 0.01-25 B
C117	87-015-819-089		C-CAP, S 0.01-25 B
C201	87-012-158-089		C-CAP, S 390P-50 CH
C202	87-012-158-089		C-CAP, S 390P-50 CH
C203	87-010-318-089		C-CAP, S 47P-50 CH
C204	87-010-318-089		C-CAP, S 47P-50 CH
C205	87-010-426-089		C-CAP, S 0.012-25 B
C206	87-010-426-089		C-CAP, S 0.012-25 B
C207	87-012-156-089		C-CAP, S 220P CH
C208	87-012-156-089		C-CAP, S 220P CH
C211	87-010-404-089		CAP, E 4.7-50 SME
C212	87-010-404-089		CAP, E 4.7-50 SME
C213	87-010-101-089		CAP, E 220-16 SME
C214	87-010-197-089		C-CAP, S 0.01-25 B
C215	87-010-197-089		C-CAP, S 0.01-25 B
C301	87-010-322-089		C-CAP, S 100P-50 CH
C302	87-010-322-089		C-CAP, S 100P-50 CH
C303	87-010-183-089		C-CAP, S 2700P-50 B
C304	87-010-183-089		C-CAP, S 2700P-50 B
C305	87-010-404-089		CAP, E 4.7-50 SME
C306	87-010-404-089		CAP, E 4.7-50 SME
C323	87-012-157-089		C-CAP, S 330P-50 CH
C324	87-012-157-089		C-CAP, S 330P-50 CH
C401	87-012-156-089		C-CAP, S 220P CH
C402	87-012-156-089		C-CAP, S 220P CH
C403	87-014-071-089		CAP, PP 3900P-100 J
C405	87-010-263-089		CAP, E 100-10
C409	87-010-402-089		CAP, E 2.2-50 SME
C410	87-010-405-089		CAP, E 10-50 SME
C451	87-010-178-089		C-CAP, S 1000P-50 B
C453	87-010-322-089		C-CAP, S 100P-50 CH
C454	87-010-322-089		C-CAP, S 100P-50 CH
C455	87-010-197-089		C-CAP, S 0.01-25 B
C456	87-010-197-089		C-CAP, S 0.01-25 B
C501	87-012-158-089		C-CAP, S 390P-50 CH
C502	87-012-158-089		C-CAP, S 390P-50 CH
C503	87-010-182-089		C-CAP, S 2200P-50 B
C504	87-010-182-089		C-CAP, S 2200P-50 B
C505	87-010-404-089		CAP, E 4.7-50 SME
C506	87-010-404-089		CAP, E 4.7-50 SME
C507	87-010-182-089		C-CAP, S 2200P-50 B
C508	87-010-182-089		C-CAP, S 2200P-50 B
C509	87-010-182-089		C-CAP, S 2200P-50 B
C510	87-010-182-089		C-CAP, S 2200P-50 B
C511	87-010-825-089		CAP, E 0.56/50V, SME
C512	87-010-825-089		CAP, E 0.56/50V, SME
C513	87-010-546-089		CAP, E 0.33-50 SME
C514	87-010-546-089		CAP, E 0.33-50 SME
C515	87-010-404-089		CAP, E 4.7-50 SME
C516	87-010-404-089		CAP, E 4.7-50 SME
C517	87-010-371-089		CAP, E 470-6.3
C518	87-010-101-089		CAP, E 220-16 SME
C519	87-010-404-089		CAP, E 4.7-50 SME
C520	87-010-404-089		CAP, E 4.7-50 SME
C521	87-010-179-089		C-CAP, S 1200P-50 B
C522	87-010-179-089		C-CAP, S 1200P-50 B
C523	87-010-382-089		CAP, E 22-25 SME
C601	87-010-178-089		C-CAP, S 1000P-50 B
C602	87-010-186-089		C-CAP, S 4700P-50 B
C603	87-010-149-089		C-CAP, S 5P-50 CH
C604	87-010-182-089		C-CAP, S 2200P-50 B
C605	87-010-149-089		C-CAP, S 5P-50 CH
C606	87-012-154-089		C-CAP, S 150P-50 CH
C607	87-010-400-089		CAP, E 0.47-50 SME
C608	87-010-382-089		CAP, E 22-25 SME
C609	87-010-374-089		CAP, E 47-10
C801	87-010-404-089		CAP, E 4.7-50 SME
C802	87-010-381-089		CAP, E 330-16 SME
C803	87-010-101-089		CAP, E 220-16 SME
C804	87-010-237-089		CAP, E 1000-16

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
C805	87-010-198-089		C-CAP, S 0.022-25 B
C902	87-010-405-089		CAP, E 10-50 SME
L301	87-005-525-089		COIL, 22MH-J
L302	87-005-525-089		COIL, 22MH-J
L303	87-003-131-089		COIL, 10MH J
L304	87-003-131-089		COIL, 10MH J
L305	87-003-123-089		COIL, 2.2MH J
L306	87-003-123-089		COIL, 2.2MH J
L401	80-VW1-605-119		COIL, OSC BIAS 108K
L801	87-005-474-089		COIL, 12UH J FLR50
PIN301	87-009-035-019		CONN, 7P PH V
PIN501	87-009-038-019		CONN, 10P PH
R913	87-025-470-089		RES, NF3.3-1/4W J
SFR101	87-024-349-089		SFR, 1K DIA6 H
SFR102	87-024-349-089		SFR, 1K DIA6 H
SFR201	87-024-349-089		SFR, 1K DIA6 H
SFR202	87-024-349-089		SFR, 1K DiA6 H
SFR301	87-024-352-089		SFR, 4.7K DiA6 H
SFR302	87-024-352-089		SFR, 4.7K DIA6 H
SFR401	87-024-356-089		SFR, 47K DIA6 H
SFR402	87-024-356-089		SFR, 47K DIA6 H
KEY-1 C.B			
D601	87-001-123-089		LED, SLZ 981C-02TI
D602	87-017-369-080		LED, SEL 2510C TP-6
D603	87-017-369-080		LED, SEL 2510C TP-6
D604	87-017-369-080		LED, SEL 2510C TP-6
D605	87-017-369-080		LED, SEL 2510C TP-6
D606	87-017-369-080		LED, SEL 2510C TP-6
D607	87-017-369-080		LED, SEL 2510C TP-6
SW501	87-036-215-089		SW, TACT EVQ21404M
SW502	87-036-215-089		SW, TACT EVQ21404M
SW503	87-036-215-089		SW, TACT EVQ21404M
SW504	87-036-215-089		SW, TACT EVQ21404M
SW505	87-036-215-089		SW, TACT EVQ21404M
SW506	87-036-215-089		SW, TACT EVQ21404M
SW507	87-036-215-089		SW, TACT EVQ21404M
SW508	87-036-215-089		SW, TACT EVQ21404M
SW509	87-036-215-089		SW, TACT EVQ21404M
SW510	87-036-215-089		SW, TACT EVQ21404M
SW511	87-036-215-089		SW, TACT EVQ21404M
DECK-1 C.B			
PIN901	87-009-350-019		CONN, 7P PH H
SOL1	82-ZM1-618-010		SOL ASSY, 27
SW4	87-036-110-010		SW, PUSH SPPB 62
SW5	87-036-110-010		SW, PUSH SPPB 62
SW6	87-036-110-010		SW, PUSH SPPB 62
DECK-2 C.B			
M1	87-045-348-010		MOT, SHW 2L 70
PIN902	87-009-353-019		CONN, 10P PH H WHT
SFR1	87-024-170-080		SFR, 3.3K DIA 6V
SOL1	82-ZM1-618-010		SOL ASSY, 27
SW1	87-036-110-010		SW, PUSH SPBB 62
SW2	87-036-110-010		SW, PUSH SPBB 62
SW3	87-036-110-010		SW, PUSH SPBB 62
SW4	87-036-110-010		SW, PUSH SPBB 62
SW5	87-036-110-010		SW, PUSH SPBB 62
RELAY-1 C.B			
RELAY-2 C.B			
KEY-2 C.B			

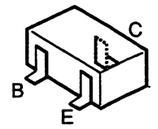
REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
D608	87-017-369-080		LED, SEL 2510C TP-6
D609	87-017-369-080		LED, SEL 2510C TP-6
D610	87-017-369-080		LED, SEL 2510C TP-6
D611	87-017-369-080		LED, SEL 2510C TP-6
SW512	87-036-215-089		SW, TACT EVQ21404M
SW513	87-036-215-089		SW, TACT EVQ21404M
SW514	87-036-215-089		SW, TACT EVQ21404M
SW515	87-036-215-089		SW, TACT EVQ21404M
SW516	87-036-215-089		SW, TACT EVQ21404M
SW517	87-036-215-089		SW, TACT EVQ21404M
KEY-3 C.B			
SW518	87-036-215-089		SW, TACT EVQ21404M
SW519	87-036-215-089		SW, TACT EVQ21404M
SW520	87-036-215-089		SW, TACT EVQ21404M
SW521	87-036-215-089		SW, TACT EVQ21404M
SW522	87-036-215-089		SW, TACT EVQ21404M
LED-1 C.B			
D615	87-017-369-080		LED, SEL 2510C TP-6
D616	87-017-369-080		LED, SEL 2510C TP-6
LED-2 C.B			
D617	87-017-369-080		LED, SEL 2510C TP-6
D618	87-017-369-080		LED, SEL 2510C TP-6
LED-3 C.B			
D612	87-017-369-080		LED, SEL 2510C TP-6
D613	87-017-369-080		LED, SEL 2510C TP-6
D614	87-017-369-080		LED, SEL 2510C TP-6
MOTOR C.B			
PIN703	91-564-722-110		CONNECTOR 6P
M701	9X-262-513-210		SLED MOTOR ASSY
M702	9X-262-513-310		T.T CHASSIS ASSY W/MOTOR
SW701	91-572-085-110		LEAF SW
D-MO C.B			
C215	87-010-196-089		C-CAP, S 0.1-25 F
M402	87-045-305-019		MOTOR, RF-500TB
PHOTO C.B			
PH401	87-026-573-010		P-SNSR GP1S53V (*)
SW-CL C.B			
SW403	87-036-109-019		SW, PUSH SPPB 61
SW U/D C.B			
SW401	87-036-271-019		SW, LVR 1-2-2 (*)
SW OP C.B			
SW402	87-036-271-019		SW, LVR 1-2-2 (*)
MISCELLANEOUS			
	98-848-127-110		PICK UP KSS-210A
PH	87-046-355-010		HEAD, PH HADKH2529B(D1)
RPH	87-046-356-010		HEAD, RPH HADKH5581B(D2)
W711	82-NV1-619-019		CABLE, FFC16P-1.25

TRANSISTOR ILLUSTRATION

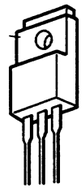


2SA933

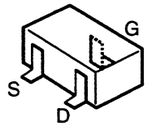
2SA952
2SC1815
2SC2001
2SC2878
2SC3331



2SA1362
2SC2712
DTA114
DTA124
DTC114
DTC144



2SB1370



2SK368

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding

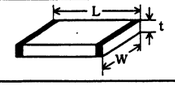
8 8 − □ □ □ − □ □ □

A
抵抗部品コード
Resistor Code

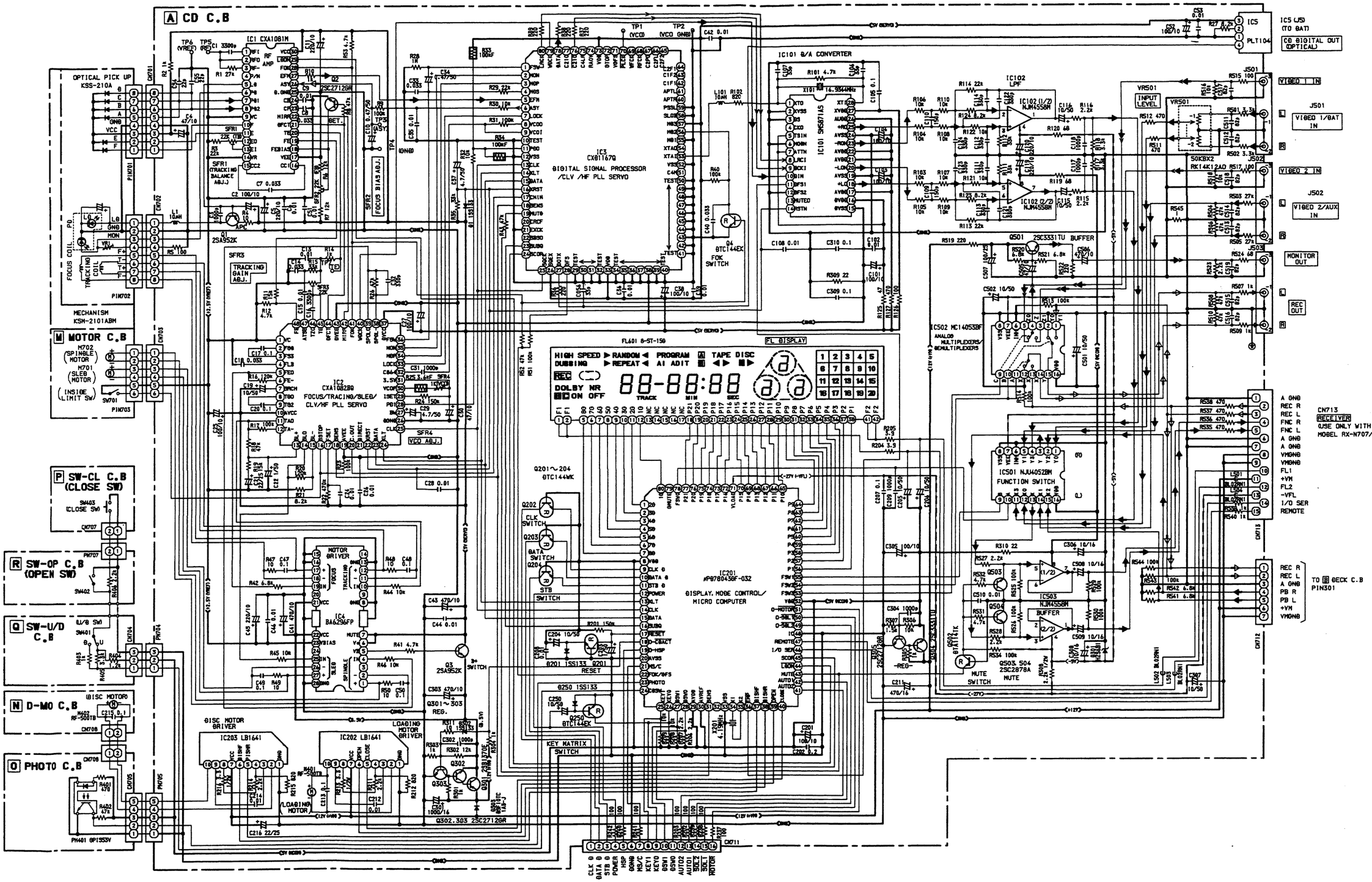
桁表示
Figure

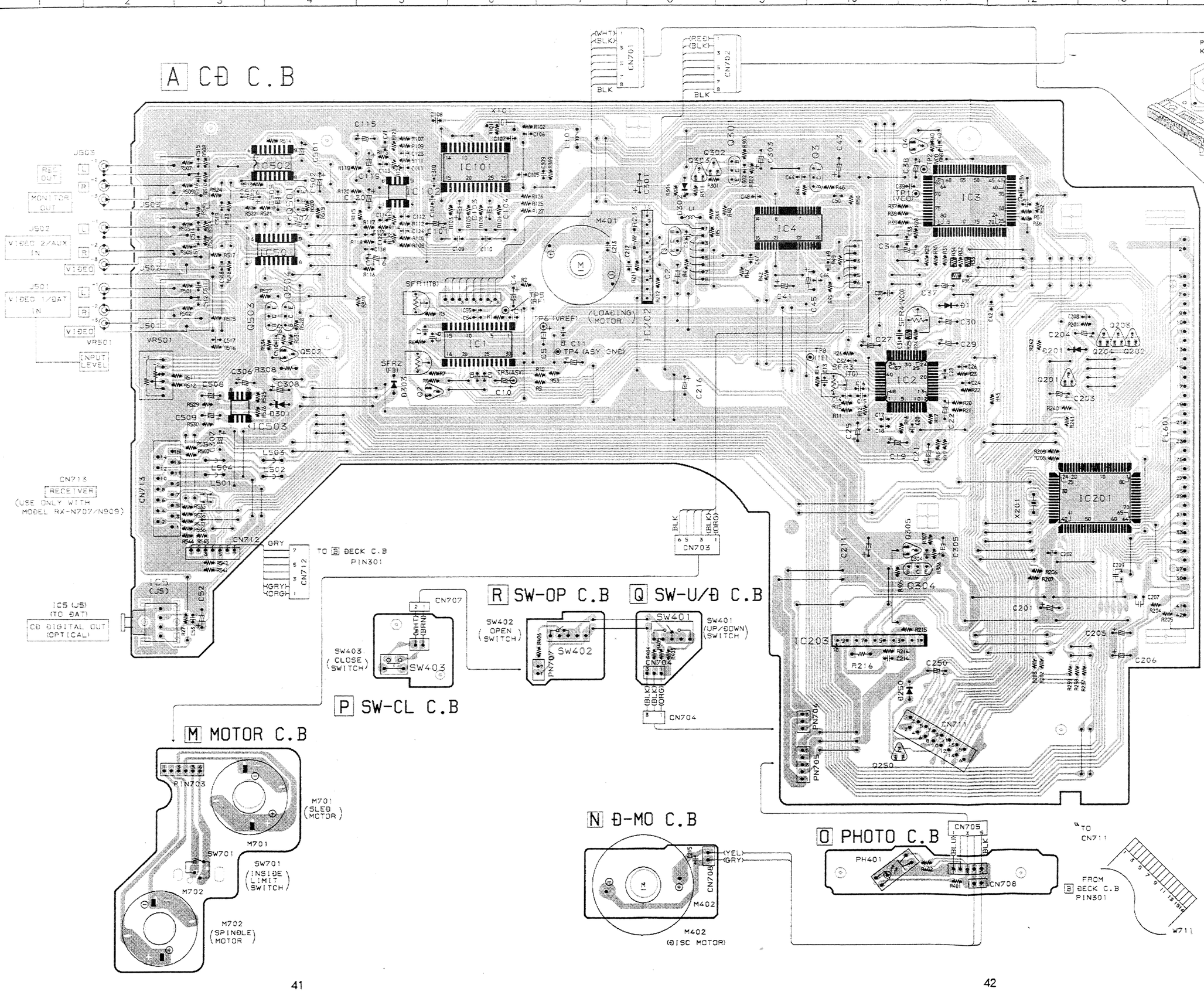
抵抗値
Value of resistor

チップ抵抗
Chip resistor

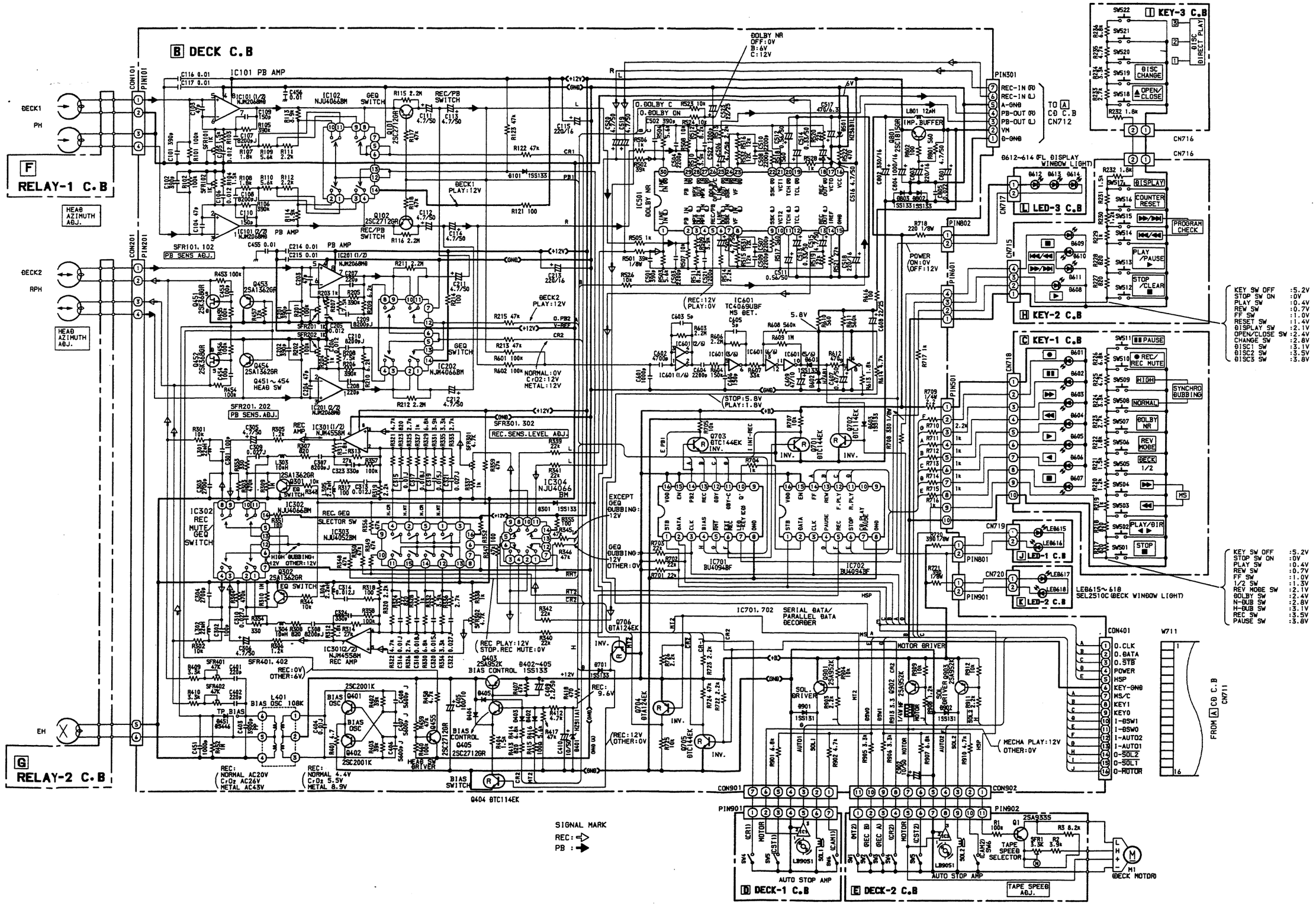
Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm) Form/外形	L	W	t	Resistor Code : A 抵抗コード : A
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3126	±5%	CJ		3.2	1.6	0.5 ~0.7	128

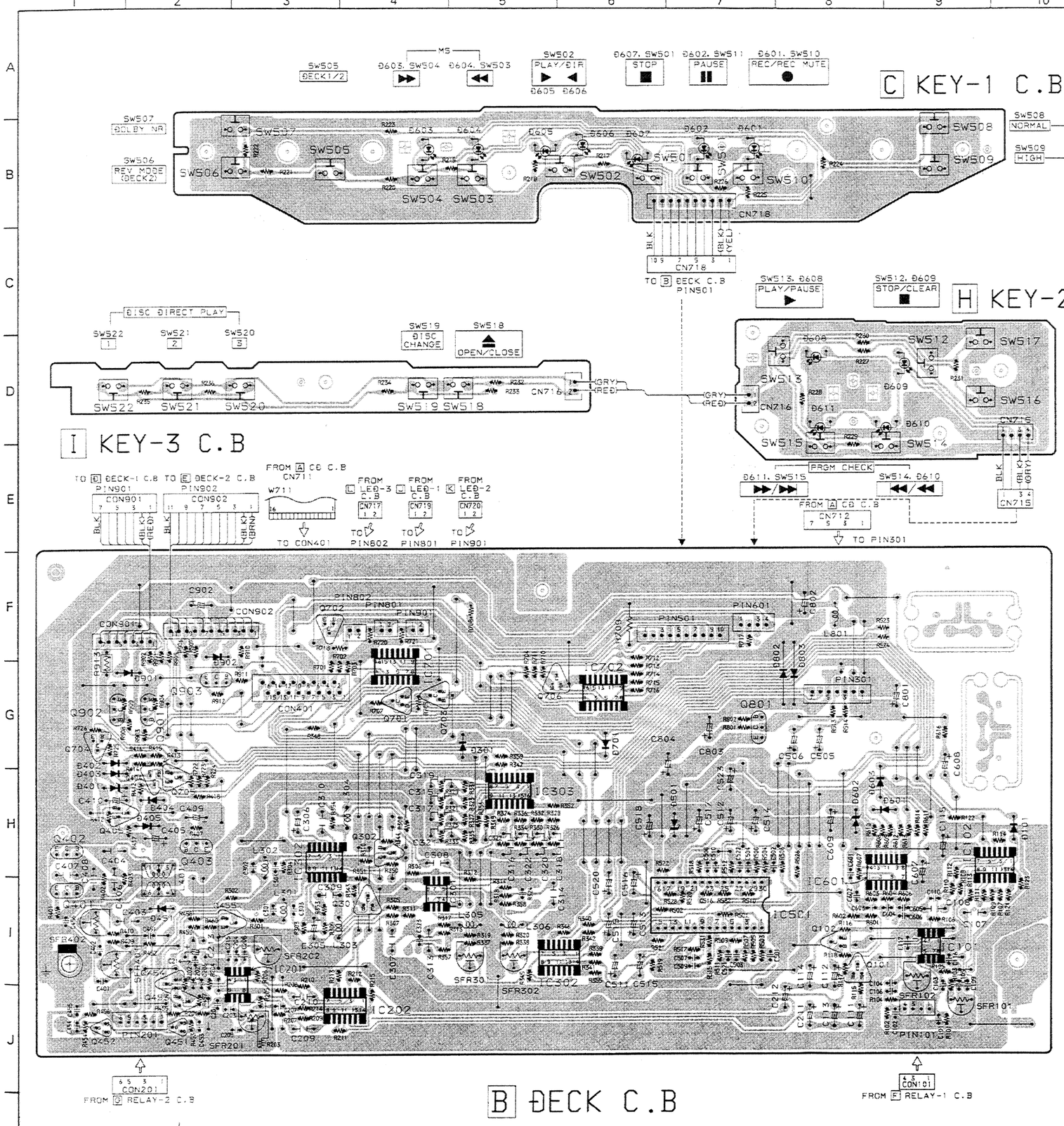
SCHEMATIC DIAGRAM – 1 (CD)

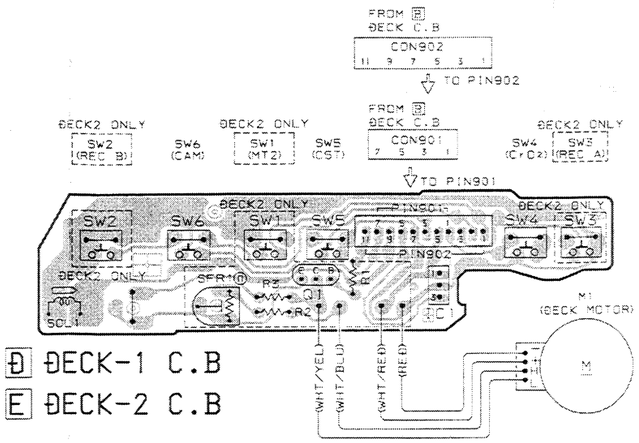


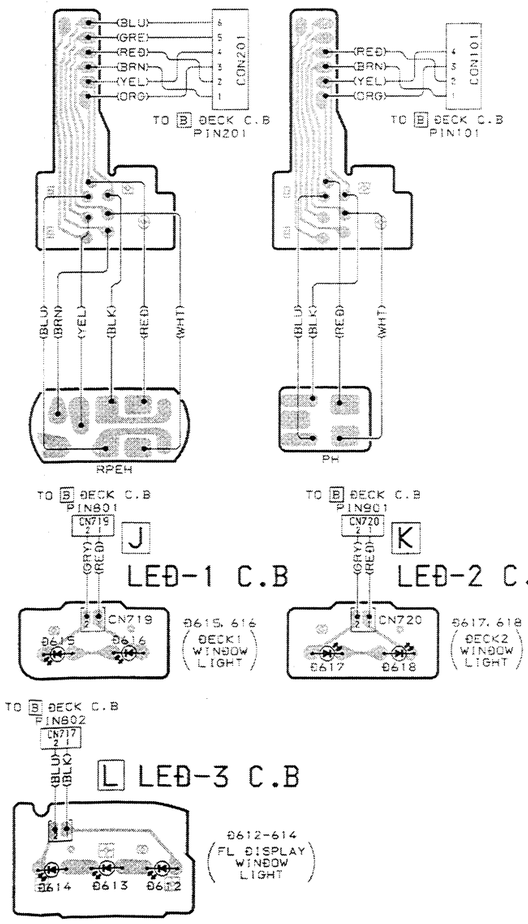

A CD C.B
PICK UP ASSY
KSS-210A
VR1
PIN1
PIN2
CN701
CN702
BLK
J503
REC OUT
MONITOR OUT
J502
VIDEO 2/AUX IN
VIDEO
J501
VIDEO 1/SAT IN
VIDEO
VR501
INPUT LEVEL
IC502
IC501
IC503
IC101
IC102
IC1
IC2
IC3
IC4
IC201
IC203
M401
(LOADING MOTOR)
TP5 (RF)
TP6 (VREF)
TP4 (ASY GND)
TP3 (ASY)
TP7 (VCO)
TP8 (TE)
TP9 (FE)
SFR (T8)
SFRZ (F9)
SFR (VCO)
X101
X201
FL601
FL DISPLAY
CN714
RECEIVER
(USE ONLY WITH MODEL RX-N707/N909)
CN713
CN712
GRY
TO B DECK C.B PIN301
IC5 (J5)
(TO SAT)
CD DIGITAL OUT (OPTICAL)
CN703
R SW-OP C.B
Q SW-U/D C.B
CN707
SW403 (CLOSE SWITCH)
SW403
SW402 (OPEN SWITCH)
SW402
SW401
SW401 (UP/DOWN) (SWITCH)
CN704
P SW-CL C.B
M MOTOR C.B
CN703
M701 (SLED MOTOR)
M701
SW701
SW701 (INSIDE LIMIT SWITCH)
M702
M702 (SPINDLE MOTOR)
N D-MO C.B
CN706
M402
M402 (DISC MOTOR)
O PHOTO C.B
CN705
PH401
CN708
TO CN711
FROM B DECK C.B PIN301
W711
CN711
PN704
PN705
Q250
D250

SCHEMATIC DIAGRAM – 2 (DECK)



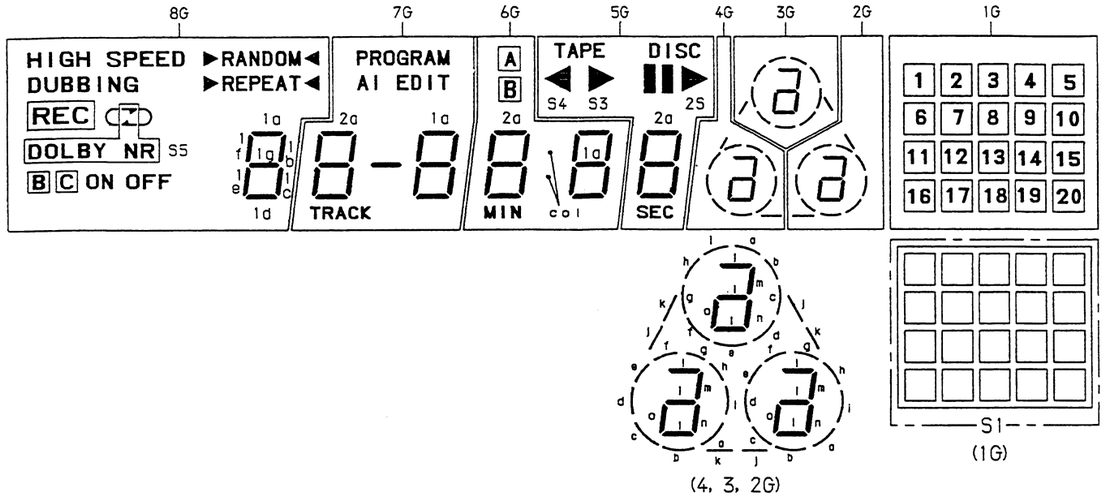

C KEY-1 C.B
H KEY-2 C.B
I KEY-3 C.B
B ĐECK C.B
SW505 ĐECK1/2
MS
SW502 PLAY/ĐIR
SW507 DOLBY NR
SW506 REV MODE (ĐECK2)
SW508 NORMAL
SW509 HIGH
SYNCHRO DUBBING
CN718
TO B ĐECK C.B PIN501
SW513. ĐĐ08 PLAY/PAUSE
SW512. ĐĐ09 STOP/CLEAR
SW517 ĐISPLAY
SW516 COUNTER RESET
ĐISC ĐIRECT PLAY
SW519 ĐISC CHANGE
SW518 OPEN/CLOSE
PRGM CHECK
CN716
CN715
CN712
TO PIN301
TO PIN902
TO PIN901
TO PIN801
TO PIN802
TO CON401
TO CON201
TO PIN101
FROM A CB C.B CN711
FROM B ĐECK C.B CON902
FROM B ĐECK C.B CON901
ĐECK2 ONLY
M1 (ĐECK MOTOR)
FROM ĐECK-1 C.B TO ĐECK-2 C.B
FROM LED-3 C.B CN717
FROM LED-1 C.B CN719
FROM LED-2 C.B CN720
FROM A CB C.B CN712
FROM O RELAY-2 C.B CON201
FROM F RELAY-1 C.B CON101


Đ ĐECK-1 C.B
E ĐECK-2 C.B
G RELAY-2 C.B
F RELAY-1 C.B


J LEĐ-1 C.B
K LEĐ-2 C.B
L LEĐ-3 C.B
ĐĐ15. ĐĐ16 (ĐECK1 WINĐOW LIGHT)
ĐĐ17. ĐĐ18 (ĐECK2 WINĐOW LIGHT)
ĐĐ12-ĐĐ14 (FL ĐISPLAY WINĐOW LIGHT)

FL (8 – ST – 15G) GRID ASSIGNMENT/ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	8G	7G	6G	5G	4G	3G	2G	1G
P1	1a	1a	1a	TAPE	j	k	k	1
P2	1b	1b	1b	DISC	f	g	g	2
P3	1c	1c	1c	▮▮	l	o	m	5
P4	1d	1d	1d	–	m	m	l	7
P5	1e	1e	1e	S2	o	l	n	6
P6	1f	1f	1f	S4	e	h	h	3
P7	1g	1g	1g	S3	g	f	f	4
P8	▶(RANDOM)◀	—	col	–	n	n	o	8
P9	RANDOM	2a	2a	2a	d	i	e	9
P10	▶(REPEAT)◀	2b	2b	2b	c	a	i	10
P11	DUBBING	2c	2c	2c	i	c	b	13
P12	❩	2d	2d	2d	k	d	j	15
P13	REC	2e	2e	2e	a	e	a	14
P14	REPEAT	2f	2f	2f	h	b	d	11
P15	HIGH SPEED	2g	2g	2g	b	j	c	12
P16	❨	TRACK	MIN	SEC	–	–	–	16
P17	S5	AI	B	–	–	–	–	17
P18	OFF	EDIT	A	–	–	–	–	18
P19	ON	PROGRAM	–	–	–	–	–	19
P20	C	–	–	–	–	–	–	20
P21	B	–	–	–	–	–	–	S1

IC DESCRIPTION (FD – N707/909)

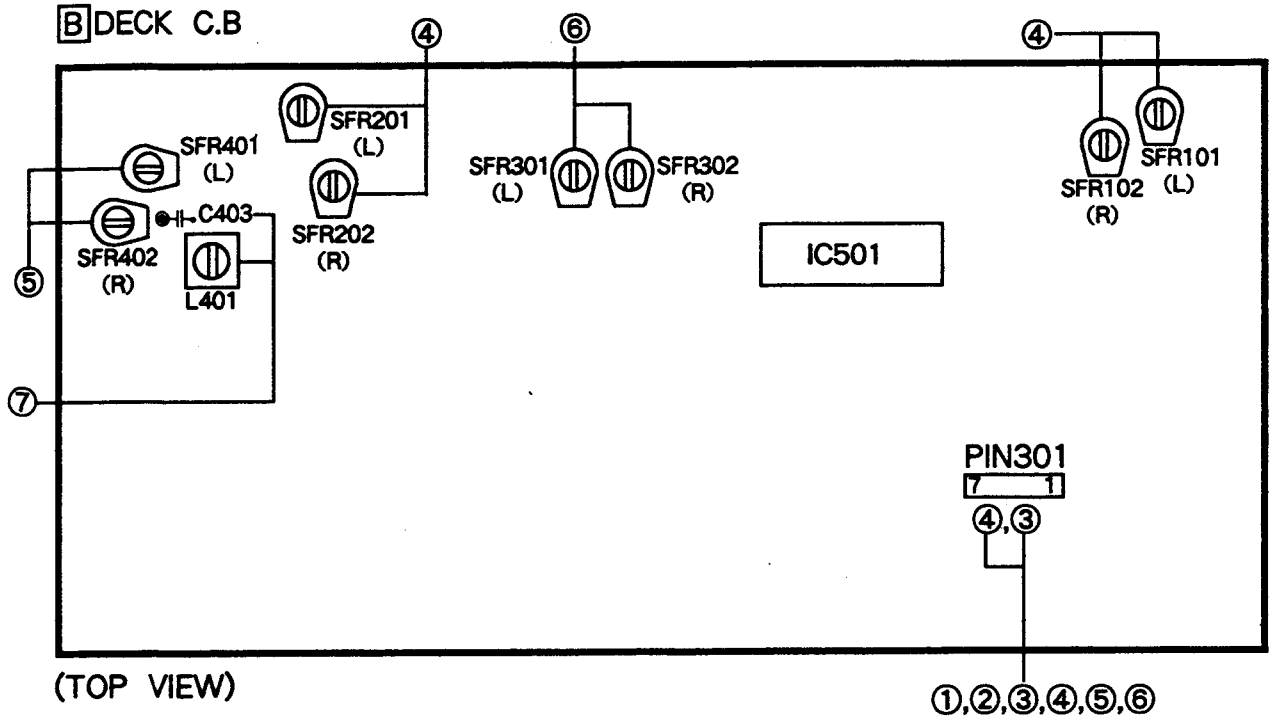
IC, μPD78043GF – 032

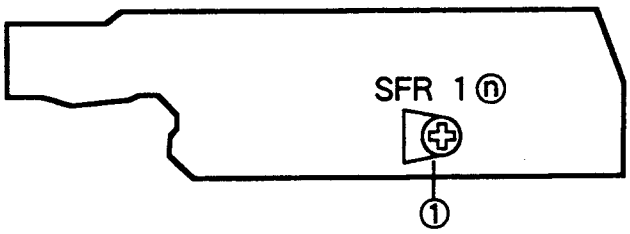
Pin No.	Pin Name	I/O	Description
1~7	2G~8G	O	Digit output for FL display.
8	VDD	—	+5V power supply.
9	CLK D	O	Serial data output to control the output port expansion IC (4094).
10	DATA D		
11	STB D		
12	POWER	O	"H" during POWER ON of the unit.
13	XLT	O	Serial data output to control the signal processing IC for CD.
14	CLK		
15	DATA		
16	SUBQ	I	Sub-code Q input.
17	$\overline{\text{RESET}}$	I	System reset input.
18	O-$\overline{\text{CDACT}}$	O	Output to control the power of CD circuit. "L" during CD function. Open-drain.
19	O-HSP	O	High speed control output to DECK. "H" during high speed dubbing. Open-drain.
20	AVSS	—	GND for A/D converter input.
21	MS/C	ADI	A/D input of MS signal and Dolby-B or B/C select detector from DECK.
22	FOK/GFS	ADI	A/D input of the focus OK signal and frame sync lock state display signal from CD.
23	PHOTO	ADI	Mechanism-3 disc table position detect photo sensor signal input from CD.
24	CDSW	ADI	A/D input of mechanism tray and base unit position detect switches from CD.
25	KEY1	ADI	A/D input of the key data from CD.
26	KEY0	ADI	A/D input of key data from DECK.
27	DSW1	ADI	A/D input of mechanism status detect switch from DECK (connected to +5V).
28	DSW0	ADI	A/D input of mechanism status detect switch from DECK (connected to +AVDD).
29	AVDD	—	Analog power supply to A/D converter.
30	AVREF	I	Reference voltage input to A/D converter (connected to +5V).
31	SENS	I	Internal state of CD signal processing IC (connected to +AVDD).
32	—	—	-
33	VSS	—	GND.
34	X1	I	4.19MHz clock oscillator input.
35	X2	—	4.19MHz clock oscillator input.
36	$\overline{\text{EMP}}$	O	De-emphasis control output for CD output signal. "L" when ON.
37	DISH F	O	Mechanism-3 disc table drive control output to IC203. "H" during forward rotation.
38	DISH R	O	Mechanism-3 disc table drive control output to IC203. "H" during reverse rotation.
39	OPEN	O	Mechanism tray drive control output to IC202. "H" during open.
40	CLOSE	O	Mechanism tray drive control output to IC202. "H" during close.
41	AUTO2	I	Mechanism reel table rotation detect signal input from DECK 2.
42	AUTO1	I	Mechanism reel table rotation detect signal input from DECK 1.
43	MUTE	O	Output signal to mute the signal output. "H" during muting.
44	$\overline{\text{LDON}}$	O	Output signal which controls ON/OFF of CD pickup laser diode. "L" when ON.
45	SCOR	I	CD sub-code sync SO + SI input.
46	I/O SER	I/O	Serial data input/output to and from RX.
47	REMOTE	I	Remote control unit received signal input from RX.
48	IC	—	Internal connection (connected to GND).
49	O-$\overline{\text{SOL2}}$	O	Mechanism solenoid drive control output to DECK 2. "L" when ON. Open drain.
50	O-$\overline{\text{SOL1}}$	O	Mechanism solenoid drive control output to DECK 1. "L" when ON. Open drain.
51	O-$\overline{\text{MOTOR}}$	O	Mechanism main motor drive control output to DECKs. "L" when ON. Open drain.
52	VDD	—	+5V power supply.
53	FSW3	O	Function selector control output (video select).
54	FSW2	O	Function selector control output (REC MUTE).
55	FSW1	O	Function selector control output (Function B).
56~70	P1~15	O	Segment output for FL display.
71	VLOAD	—	-27V power supply for FL pull-down.
72~77	P16~21	O	Segment output for FL display.
78	FSW0	O	Function selector control output (Function A).
79	GMUTE	O	Output signal to mute graphic of CDG. "H" during muting (Not used).
80	1G	O	Digit output for FL display.

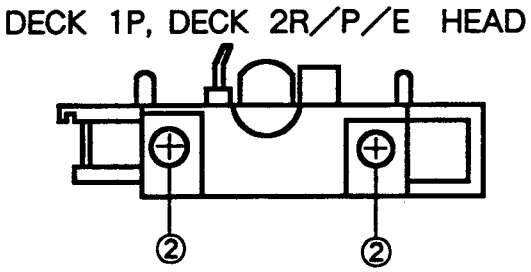
See the NSX – D55 (FD – N55) for the IC description below.		
	FD – N707/N909	NSX – D55 (FD – N55)
①	IC,CXD1167Q	IC,CXD1167Q
②	IC,CXA1081M	IC,CXA1081S
③	IC,CXA1082BQ	IC,CXA1082S
④	IC,SM5871AS	IC,SM5870BS
⑤	IC,LB1641	IC,LB1641

See the NSX – D55 (FD – N55) for the IC Block Diagram below.		
	FD – N707/N909	NSX – D55 (FD – N55)
①	IC,BA6296FA	IC,BA6296FP
②	IC,CXA1332S	IC,CXA1332S
③	IC,BU4094BF	IC,BU4094B

ELECTRICAL ADJUSTMENT (DECK)







1. Tape Speed Adjustment
   Settings: • Test tape : TTA-100
   • Test point : TP CONN 7P (PIN301) ③,④
   • Adjustment location : SFR 1ⓝ
   Method: Play back the test tape Ⅱ DECK and adjust SFR 1ⓝ so that the frequency counter reads 3000Hz ± 5Hz.

2. Head Azimuth Adjustment
   Settings: • Test tape : TTA-310
   • Test point : TP CONN 7P (PIN301) ③,④
   • Adjustment location : Head azimuth adjustment screw
   Method: Play back the 10kHz signal of the test tape and adjust so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.

3. PB Frequency Response Check
   Settings: • Test tape : TTA-310
   • Test point : TP CONN 7P (PIN301) ③,④
   Method: Play back the 315Hz and 10kHz signals of the test tape and check that the output ratio of the 10kHz signal is with respect to that of the 315Hz signal is ± 2dB.

4. PB Sensitivity Adjustment
   Settings: • Test tape : TTA-200
   • Test point : TP CONN 7P (PIN301) ③,④ (load 47KΩ)
   • Adjustment location :
   (Ⅰ DECK) SFR101 (Lch)
   SFR102 (Rch)
   (Ⅱ DECK) SFR201 (Lch)
   SFR202 (Rch)
   Method : Play back the test tape and adjust SFRs so that the output level of the test point is 280mV ± 0.3dB.

5. REC/PB Frequency Response Adjustment
   Settings : • Test tape : TTA-601
   • Test point : TP CONN 7P (PIN301) ③,④
   • Input signal : 1kHz/10kHz (LINE IN)
   • Adjustment location : SFR401 (Lch)
   SFR402 (Rch)
   Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP CONN 7P (PIN301) ③,④ is 28mV.
   Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output

of the 10kHz signal is +0.5dB±0.5dB with respect to that of the 1kHz signal.

6. REC/PB Sensitivity Adjustment
   Settings : • Test tape : TTA-601 (TTA-600)
   • Test point : TP CONN 7P (PIN301) ③,④
   • Input signal : 400Hz (LINE IN)
   • Adjustment location : SFR301 (Lch) SFR302 (Rch)
   Method : Apply a 400Hz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP CONN 7P (PIN301) ③,④ is 28mV.
   Record and play back the 400Hz signal and adjust SFRs so that the output is 28mV ±0.5dB.

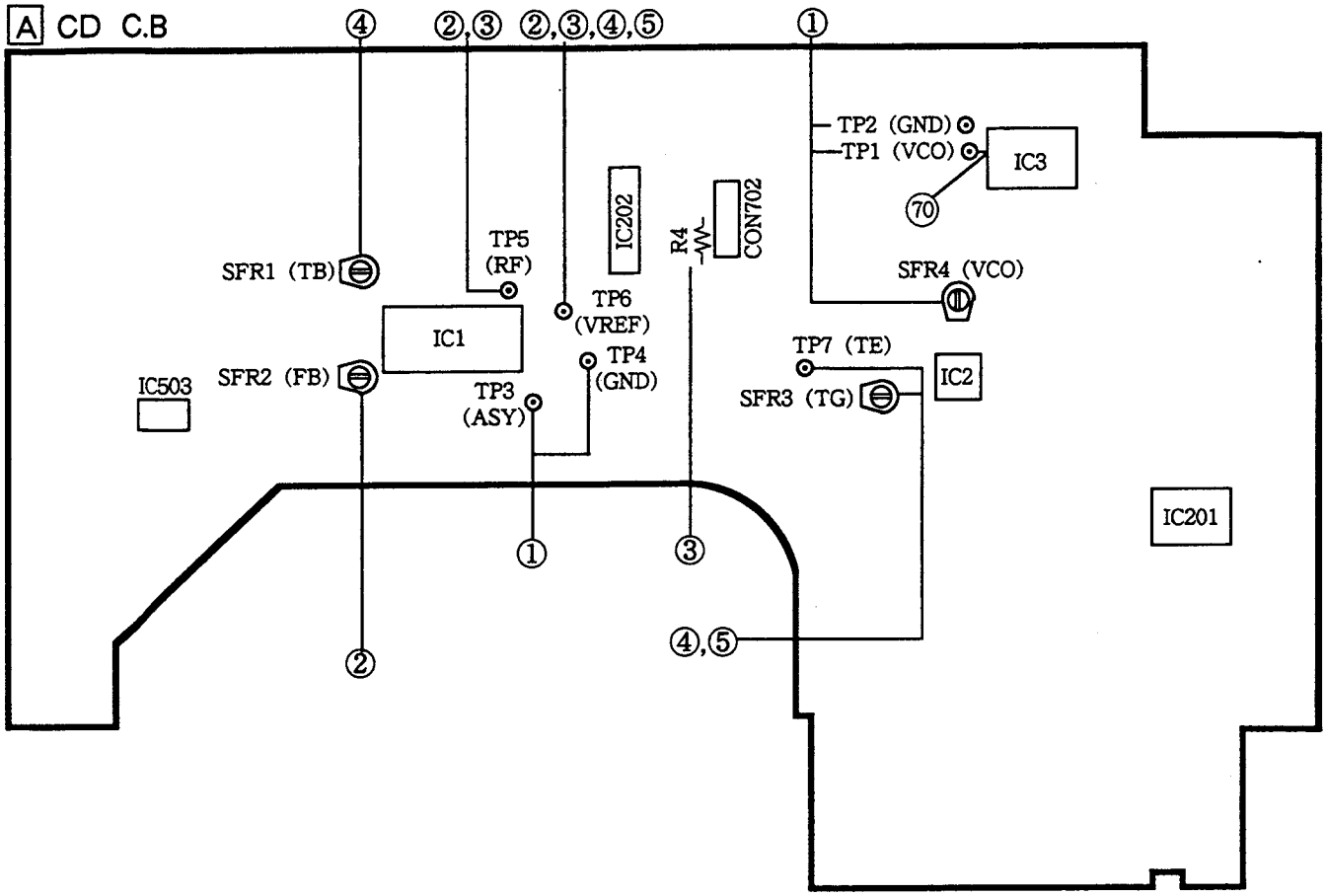
7. Bias OSC Frequency Adjustment
   Settings : • Test tape : TTA-601
   • Test point : TP BIAS CHECK (C403)
   • Adjustment Location : L401
   Method : Set to the REC mode. Adjust L401 so that the frequency counter of the test point reads 106kHz ± 2kHz.

PRACTICAL SERVICE FIGRE (DECK)

DECK SECTION

Tape speed :	3000Hz ± 1.5%
Wow & flutter :	Less than 0.4% (R.M.S)
Take-up torque :	30~60g-cm (FWD, REV)
F.F torque :	75~140g-cm
Rew torque :	75~140g-cm
Back tension :	2~6g-cm
PB Output level :	250mV ± 50mV (REC OUT)
REC/PB Output level :	190mV ± 1dB (REC OUT)
Distortion (REC/PB) :	Less than 2.5% (CrO_2)
	Less than 2.0% (NORMAL)
Noise level (PB) :	Less than 2.0mV/1.4mV (DOLBY B NR ON/OFF CrO_2)
	Less than 1.3mV/1.8mV (DOLBY B NR ON/OFF NORM)
Noise level (REC/PB) :	
	Less than 1.3mV/2.0mV (DOLBY B,C NR ON/OFF NORM)
	Less than 1.2mV/1.5mV (DOLBY B,C NR ON/OFF) CrO_2,METAL)
Erasing ratio :	More than 60dB (125Hz)
REC bias frequency :	106kHz
Test tape :	NORMAL TTA-601/600
	CrO_2 TTA-610
	METAL TTA-630

ELECTRICAL ADJUSTMENT (CD)

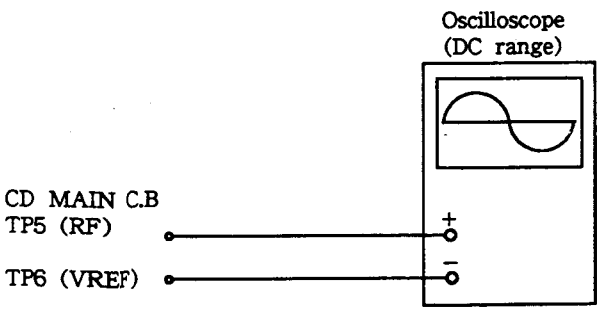


Note : Connect a probe (10 : 1) of the oscilloscope and the counter to a test point.

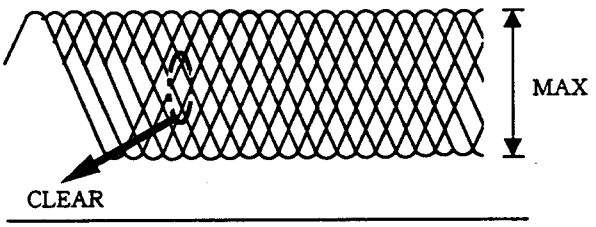
1. VCO Frequency Adjustment
   1) Connect the frequency counter to test points TP1 (VCO) and TP2 (VCO GND).
   2) Set test disc and PLAY mode.
   3) Connect and short between TP3 (ASY) and TP4 (GND).
   4) Adjust SFR4 so that the frequency counter reading is 4.27MHz ± 0.02MHz.
   5) After the adjustment is completed, disconnect the short lead wire.

2. Focus Bias Adjustment

   Make the focus bias adjustment when replacing and repairing the optical block.



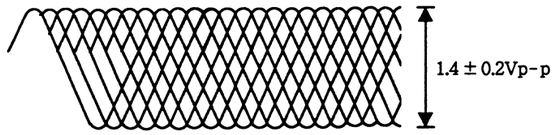
   1) Connect an oscilloscope to test points TP5 (RF) and TP6 (VREF).
   2) Turn on the power switch.
   3) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
   4) Adjust SFR2 (FB) so that the RF waveform must be maximum and clear.



VOLT/DIV : 0.5V
TIME/DIV : 0.5 μ S

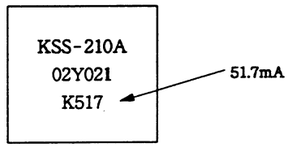
3. RF Waveform Check

   This check should be performed whenever the optical block is replaced in repair.
   1) Connect an oscilloscope to test points TP5 (RF) and TP6 (VREF).
   2) Turn on the power switch.
   3) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
   4) Check that the waveform appears as shown in the figure.



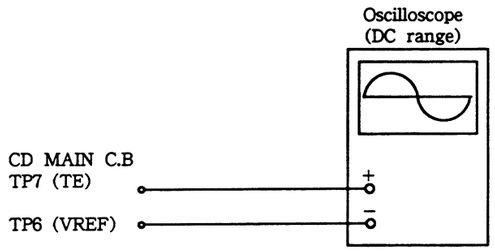
VOLT/DIV : 0.5V
TIME/DIV : 0.5 μ S

Note : The current of the laser signal can be checked with the voltages on both sides of R4 (10 Ω). The difference for the specified value shown on the label must be within ± 6.0mA.

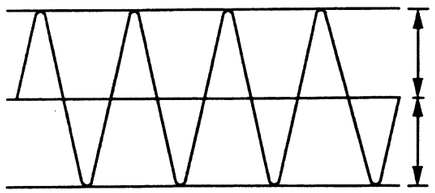


$$\text{Laser current Iop} = \frac{\text{Voltage across R4}}{10\,\Omega}$$

4. Tracking Balance Adjustment



1) Connect an oscilloscope to test points TP7 (TE) and TP6 (VREF).
2) Connect center pin of SFR3 (TG) to TP6 (VREF).
3) Turn on the power switch.
4) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
5) Adjust SFR1 (TB) so that the waveform on the oscilloscope is vertically symmetrical as figure shown in the figure below.
6) After the adjustment is completed, remove the ground lead wire.



A = B

VOLT/DIV : 200mV
TIME/DIV : 1mS

5. Tracking Gain Adjustment

A servo analyzer is necessary in order to perform this adjustment exactly. However, this gain has a margin, so even if it is slightly off, there is no problem. Therfore, do not perform this adjustment.

Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechinical shock when 2-axis device operates. However, as these reciprocate, the adjustment is at the point where both are satisfied.

- When gain is raised, the noise increases when the 2-axis device opearates increases.
- When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.

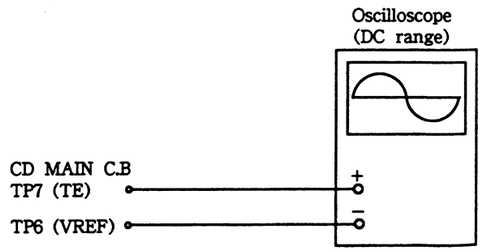
When gain adjustment is off, the symptoms below appear.

Symptoms \ Gain	(Focus)	Tracking
● The time until music starts becomes longer for STOP→▶ PLAY or automatic selection (⏮ ⏭ buttons pressed.) (Normally takes about 2 seconds.)	low	low or high
● Music does not start and disc continues to rotate for STOP →▶PLAY or automatic selection (⏮ ⏭ buttons pressed.)	–	low
● Disc stops to rotate shortly after STOP→▶PLAY.	low or high	–
● Sound is interrupted during PLAY, or time counter display stops.	–	low
● More noises during the 2-axis device operation.	high	high

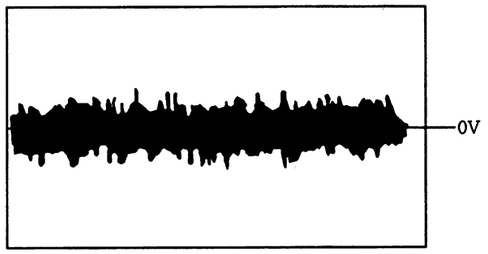
The following is simple adjustment method.

– Simple adjustment –

Note : Since exact adjustment cannot be performed, remember the positions of the controls before the performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.



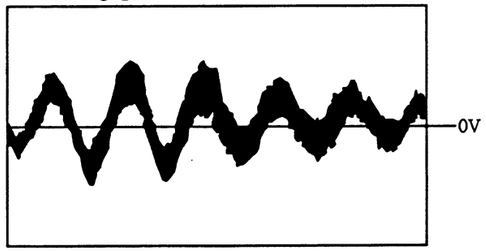
1) Keep the set horizontal.(If the set is not kept horizontally, this adjustment cannot be performed due to the gravity against the 2 – axis device.)
2) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
3) Connect an oscilloscope to TP7 (TE) and TP6 (VREF).
5) Adjust SFR3 (TG) so that the waveform appears as shown in the figure below.
(tracking gain adjustment)



VOLT/DIV : 100mV
TIME/DIV : 1mS

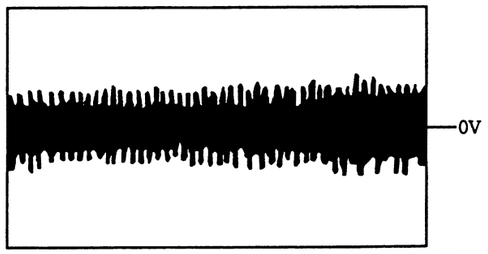
- Incorrect example (The fundamental wave appears as compared with the waveform adjusted)

Low tracking gain



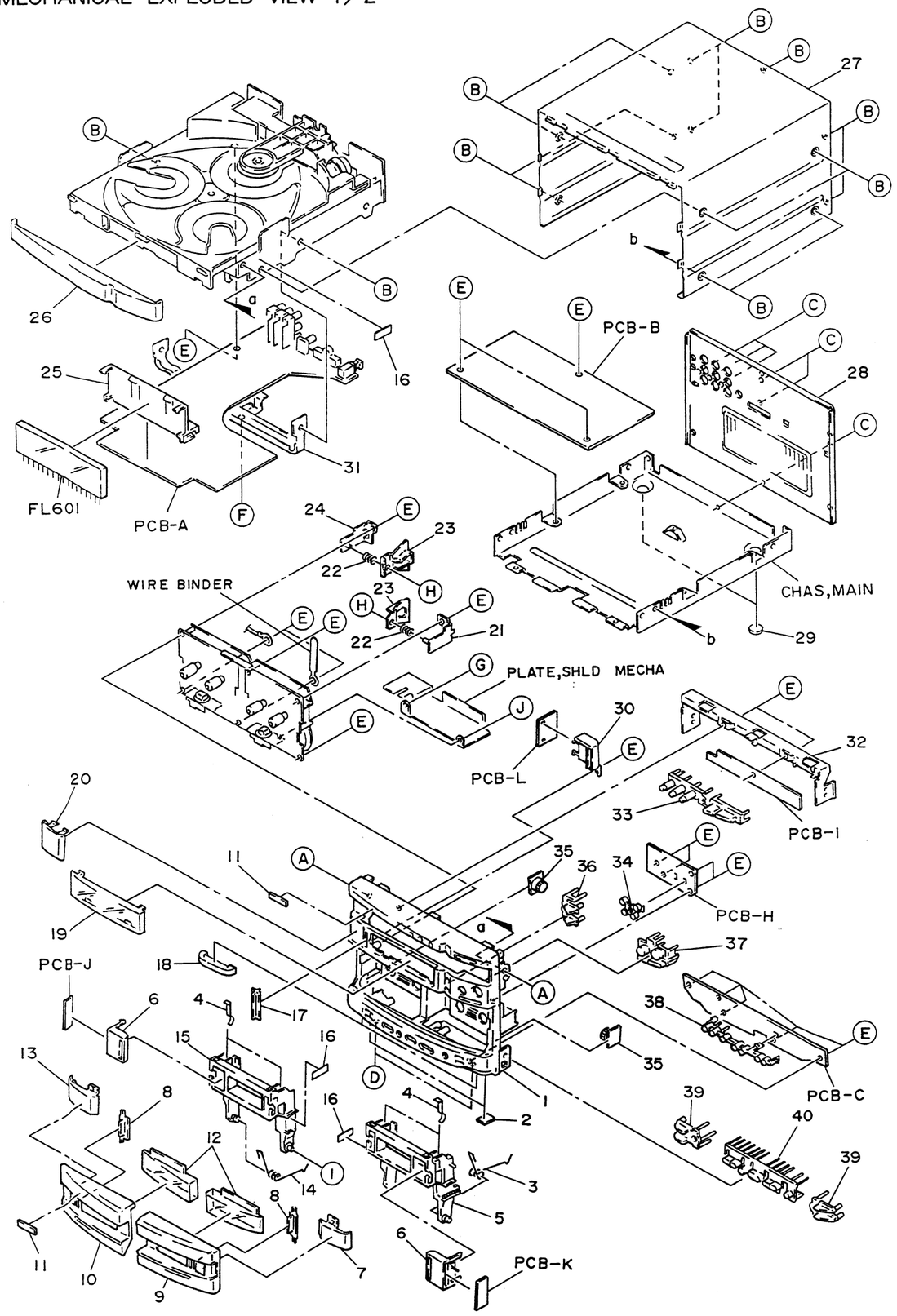
VOLT/DIV : 100mV
TIME/DIV : 1mS

High tracking gain (The frequency of the fundamental wave is higher than in low gain.)



VOLT/DIV : 100mV
TIME/DIV : 1mS

MECHANICAL EXPLODED VIEW 1/2

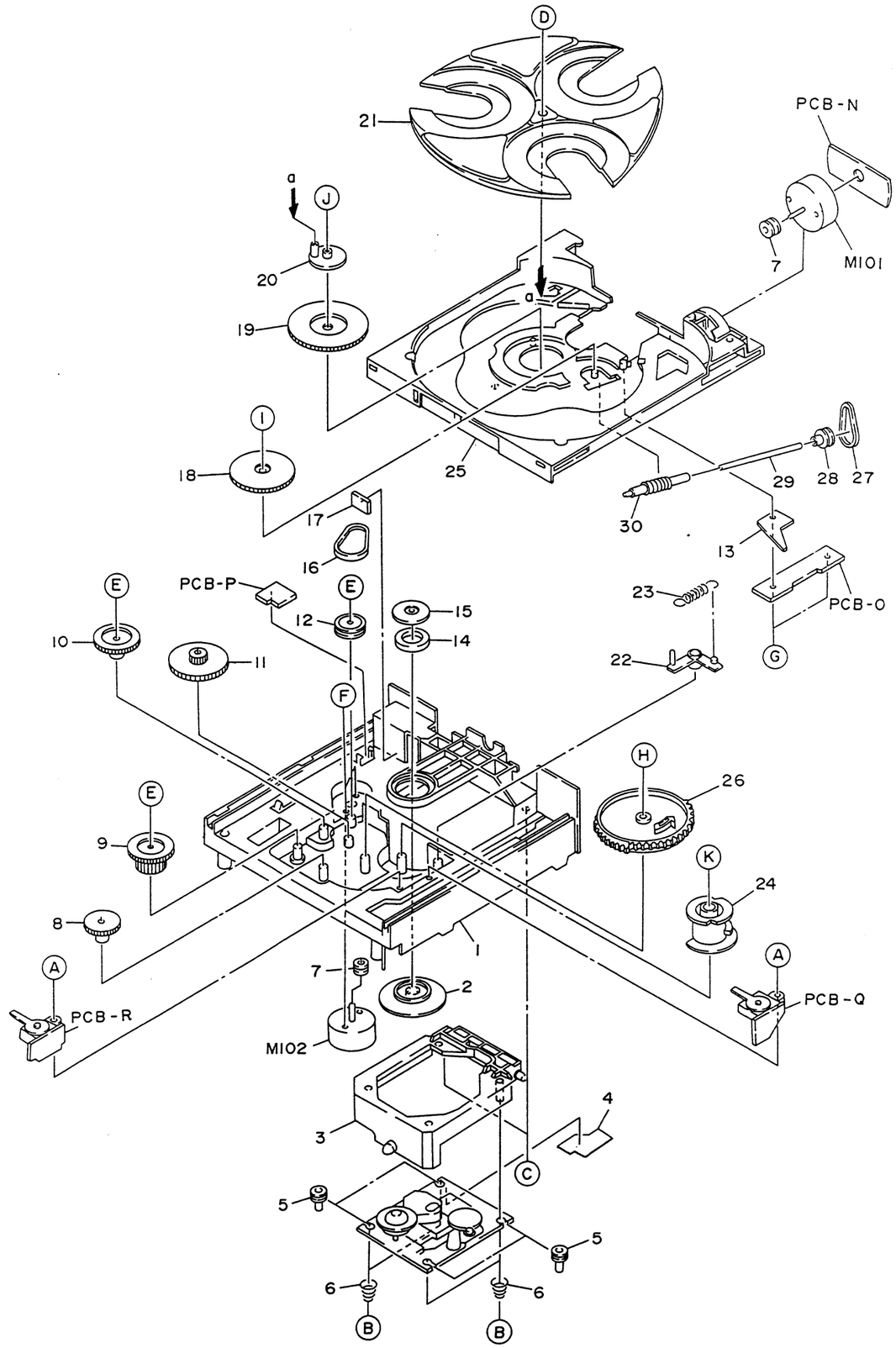


MECHANICAL PARTS LIST 1/2

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
1	82-NV2-004-019		CAB, FR 2[B]〈707YU〉
1	82-NV1-001-010		CAB, FR EX[B]〈YJ, Y〉
1	82-NV1-048-010		CAB, FR[N]〈YJ, Y〉
1	82-NV1-041-010		CAB, FR[ST]〈Y〉
2	80-VT1-202-010		FELT, 12. 5-15. 5-2
3	82-NV1-215-010		SPR-T, EJECT R[B, N]〈Y〉
3	82-NV1-217-010		SPR-T, EJECT R[B, N]〈EXCEPT Y〉
4	80-CD3-218-110		SPR-P CASS
5	82-NV1-004-010		BOX, CASS R[B]
5	82-NV1-051-010		BOX, CASS R[N]
- 5	82-NV1-044-010		BOX, CASS R[ST]
6	82-NV1-204-010		GUIDE, LED CASS
7	82-NV1-024-010		DUMMY, CASS R
8	82-NV1-019-010		IND, CASS
9	82-NV1-030-010		PANEL, CASS R EX[B]
9	82-NV1-053-010		PANEL, CASS R[N]
9	82-NV1-046-010		PANEL, CASS R[ST]
10	82-NV1-029-010		PANEL, CASS L EX[B]
10	82-NV1-052-010		PANEL, CASS L[N]
10	82-NV1-045-010		PANEL, CASS L[ST]
11	81-MX4-032-010		BADGE, AIWA N
12	82-NV1-017-010		WINDOW, CASS
13	82-NV1-023-010		DUMMY, CASS L
14	82-NV1-214-010		SPR-T, EJECT L[B, N]〈Y〉
14	82-NV1-216-010		SPR-T, EJECT L[B, N]〈EXCEPT Y〉
15	82-NV1-003-010		BOX, CASS L[B]
15	82-NV1-050-010		BOX, CASS L[N]
15	82-NV1-043-010		BOX, CASS L[ST]
16	80-MQ1-209-010		CLOTH, 20-7
17	82-NV1-018-010		IND, CD
18	82-NT1-036-010		RING, FOOT[B, ST]
18	82-NT2-064-010		RING, FOOT 2[N]
19	82-NV1-016-010		WINDOW, CD
20	82-NV1-022-010		DUMMY, CD
21	82-NF5-205-010		HLDR ASSY, LOCK 2
22	80-MV3-210-110		SPR-C, LOCK[B, N]〈Y〉
22	80-MV3-218-010		SPR-C, LOCK[B, N]〈EXCEPT Y〉
23	80-CD3-233-010		PLATE, LOCK
24	82-NF5-204-010		HLDR ASSY, LOCK 1
25	81-VM1-203-019		GUIDE, FL
26	82-NV1-015-010		PANEL, TRAY EX[B]
26	82-NV1-054-010		PANEL, TRAY[N]
26	82-NV1-047-010		PANEL, TRAY[ST]
27	82-NV1-002-010		CAB, STEEL[B]
27	82-NV1-058-010		CAB, STEEL[ST]
27	82-NV1-049-010		CAB, STEEL[N]
28	82-NV1-038-010		PANEL, REAR[B, N]〈Y〉
28	82-NV1-028-010		PANEL, REAR[ST]〈Y〉
28	82-NV1-031-010		PANEL, REAR[B, N]〈YJ〉
28	82-NV2-005-019		PANEL, REAR[B]〈707YU〉
29	82-NV1-213-010		FELT, DIA12-2
30	82-NV1-205-010		GUIDE, LED WIND
31	82-NF5-217-110		HLDR, BOTTOM
32	82-NV1-201-010		HLDR, FR
33	82-NV1-008-010		KEY, OPEN
34	82-NV1-202-010		GUIDE, LED CD
35	87-063-165-010		OIL-DMPR 150
36	82-NV1-013-010		KEY, DISPLAY
37	82-NV1-009-010		KEY, CD
38	82-NV1-203-010		GUIDE, LED DECK
39	82-NV1-011-010		KEY, DUBB
40	82-NV1-010-010		KEY, DECK
A	87-721-096-410		QT2+3-10 GLD
B	87-067-641-010		UTT2+3-8〈W/O SLOT〉BL
C	87-067-660-010		BVT2+3-8W/O SLOT BLK
D	87-067-689-010		BVTT+3-8
E	87-067-579-010		BVT2+3-8W/O SLOT
F	87-067-716-010		BVTT+3-6 BLK
G	87-571-032-410		VIT+2-3
H	87-081-808-010		PW, 1. 7-3. 5-0. 25
I	82-NE8-215-010		W, 4. 2-6. 8-0. 18
J	87-067-178-019		VTT+2. 6-3

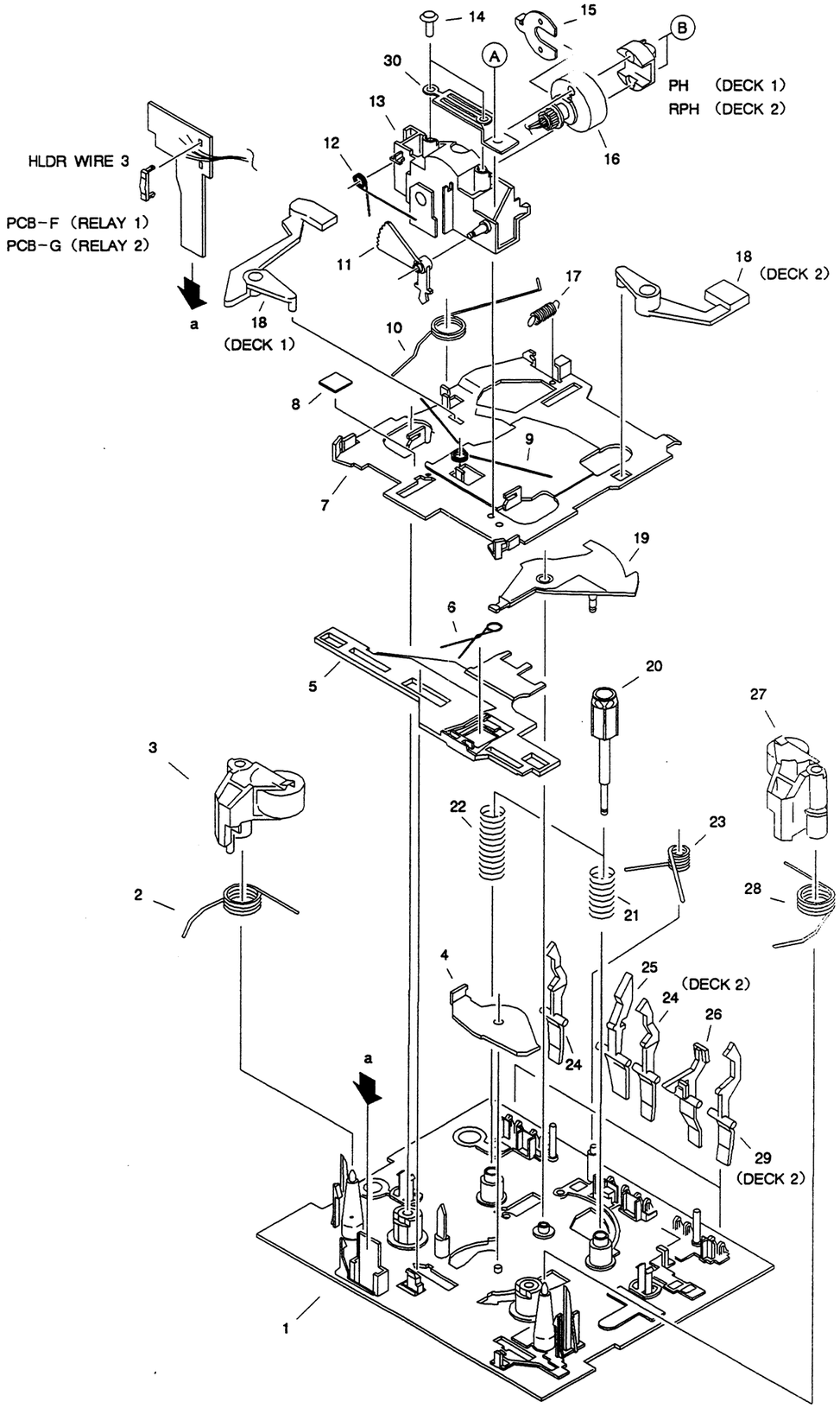
MECHANICAL EXPLODED VIEW 2/2

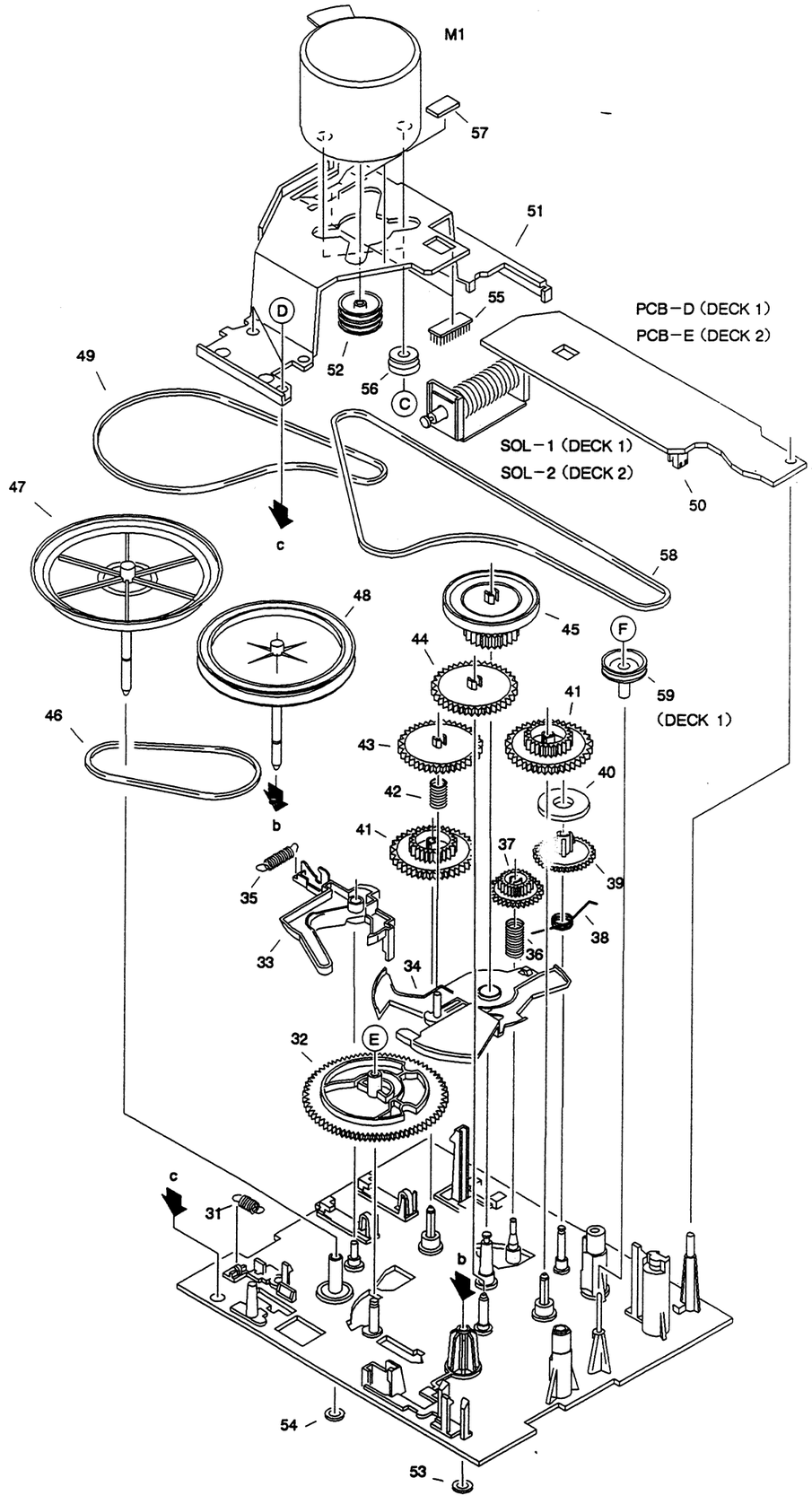


MECHANICAL PARTS LIST 2/2

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	81-ZG1-246-110		CHAS, MECH M[B, N]〈EXCEPT Y〉
1	81-ZG1-261-010		CHAS, MECH M[B, N]〈Y〉
2	81-ZG1-228-110		HLDR, MAGNET
3	81-ZG1-253-110		HLDR, MECH MK2
4	81-ZG1-241-210		SH, CD MECH
5	81-ZG1-230-010		G-CUSH, MECH
6	81-ZG1-231-010		SPR-C, MECH
7	81-ZG1-212-010		PULLY, LOAD MO
8	81-ZG1-250-010		GEAR, TRAY RELAY MK2
9	81-ZG1-257-010		GEAR, TRAY B MK2
10	81-ZG1-256-010		GEAR, TRAY A MK2
11	81-ZG1-251-010		GEAR, RELAY MK2
12	81-ZG1-211-010		PULLY, RELAY
13	81-ZG1-240-010		SPR-P, WORM
14	86-531-219-010		MAGNET, CLAMPER
15	81-ZG1-255-010		PLATE, MAGNET MK2
16	81-ZG1-232-010		BELT, TRAY
17	81-ZG1-238-110		CUSH, TRAY IN
18	81-ZG1-222-010		WORM WHEEL, TT
19	81-ZG1-202-010		GEAR MAIN
20	81-ZG1-252-010		LEVER, TT MK2
21	81-ZG1-002-110		TURNTABLE[B, N]〈Y〉
21	81-ZG1-008-110		TURNTABLE NO2[B, N]〈EXCEPT Y〉
22	81-ZG1-213-110		PLATE, CAM
23	81-ZG1-262-010		SPR-E, CAM S
24	81-ZG1-206-110		GEAR, MECH CAM
25	81-ZG1-001-310		TRAY[B, N]〈Y〉
25	81-ZG1-011-110		TRAY, MK2[B, N]〈EXCEPT Y〉
26	81-ZG1-205-210		GEAR, TRAY CAM
27	81-ZG1-233-110		BELT, TT
28	81-ZG1-236-010		PULLY, TT MO
29	81-ZG1-260-010		SHAFT, WORM S
30	81-ZG1-221-010		WORM GEAR, TT
A	81-653-215-010		SPECIAL SCREW VT2
B	81-ZG1-254-010		S-SCREW, MECH HLDR
C	87-561-096-210		VFT1+3-10
D	81-ZG1-239-010		S-SCREW, TT
E	87-067-945-110		VFT2+3-12(F10)
F	87-251-071-410		U+2.6-4
G	87-067-579-010		BVT2+3-8W/O SLOT
H	81-ZG1-264-010		S-SCREW, CAM
I	87-761-095-410		VFT2+3-8
J	87-078-029-010		VFT2+3-13(F8)
K	87-067-828-010		VFT2+3-15DIA10, GLD

TAPE MECHANISM EXPLODED VIEW 1/1

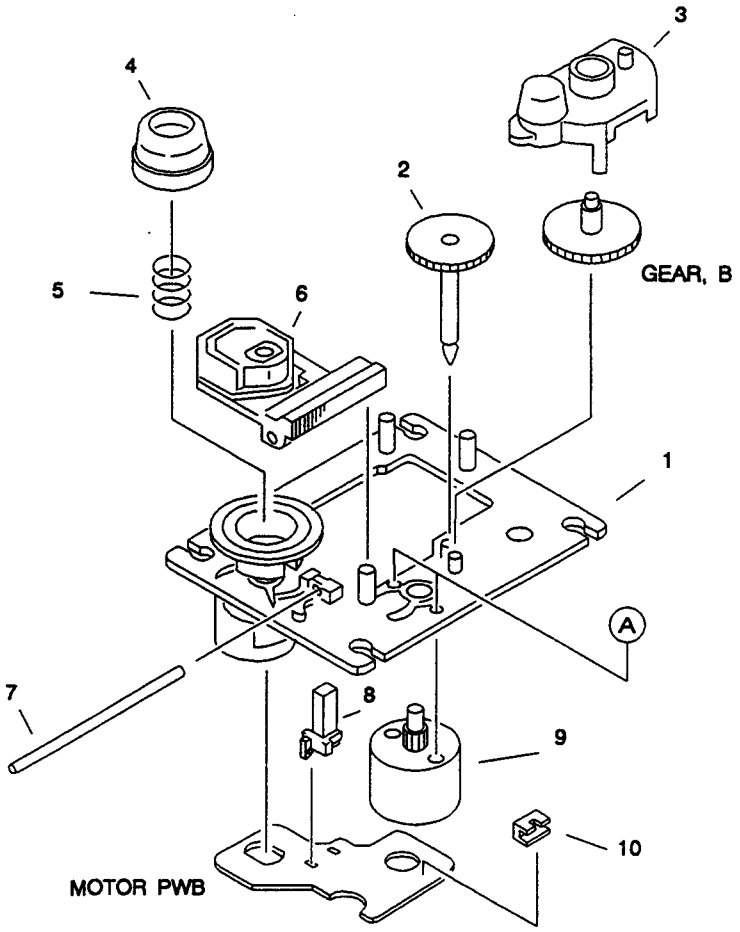




TAPE MECHANISM PARTS LIST 1/1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	82-ZM3-214-110		CHAS ASSY, P (DECK 1)
1	82-ZM1-299-010		CHAS ASSY, R (DECK 2)
2	82-ZM1-258-010		SPR-T, PINCH L
3	82-ZM1-248-110		LVR ASSY, PINCH L
4	82-ZM1-295-210		PLATE ASSY, LINK
5	82-ZM1-266-010		LVR, DIR
6	82-ZM1-214-010		SPR-T, DIR
7	82-ZM1-206-210		CHAS, HEAD
8	87-078-014-010		SH, 5-5-0.05
9	82-ZM1-269-010		SPR-T, BRG
10	82-ZM1-219-010		SPR-T, LINK
11	82-ZM1-210-010		GEAR, H T
12	82-ZM1-213-010		SPR-T, HEAD
13	82-ZM1-207-010		GUIDE, TAPE
14	82-ZM1-283-210		S-SCREW, AZIMUTH
15	82-ZM1-209-010		PLATE, HEAD
16	82-ZM1-208-010		HLDR, HEAD
17	82-ZM1-218-010		SPR-E, HB
18	82-ZM1-263-110		LVR, EJECT L (DECK 1)
18	82-ZM1-264-010		LVR, EJECT R (DECK 2)
19	82-ZM1-222-010		LVR, PLAY
20	82-ZM1-217-110		REEL TABLE
21	82-ZM1-244-110		SPR-C, BT
22	82-ZM1-285-110		SPR-C, BT L
23	82-ZM1-257-010		SPR-T, CAS
24	82-ZM1-241-110		LVR, MC
25	82-ZM1-242-010		LVR, CAS
26	82-ZM1-243-010		LVR, STOP
27	82-ZM1-253-110		LVR ASSY, PINCH R
28	82-ZM1-259-010		SPR-T, PINCH R
29	82-ZM1-240-110		LVR, REC (DECK 2)
30	82-ZM1-298-010		SPR-P, EARTH
31	82-ZM1-255-110		SPR-E, LVR DIR
32	82-ZM1-221-110		GEAR, CAM
33	82-ZM1-227-110		LVR, TRIG
34	82-ZM1-224-110		LVR, FR
35	82-ZM1-305-010		SPR-E, TRIG 2
36	82-ZM1-277-010		SPR-C, PLAY
37	82-ZM1-223-010		GEAR, PLAY
38	82-ZM1-256-110		SPR-T, FR
39	82-ZM1-220-210		GEAR, IDLER
40	80-ZM6-217-010		RING MAGNET 2
41	82-ZM1-216-210		GEAR, REEL
42	82-ZM1-276-010		SPR-C, FR
43	82-ZM1-225-010		GEAR, FR
44	82-ZM1-226-010		GEAR, REW
45	82-ZM1-228-210		SLIP DISK ASSY
46	82-ZM1-261-110		BELT, FR
47	82-ZM1-237-210		FLY-WHL ASSY, R (DECK 2)
47	82-ZM3-209-110		FLY-WHL ASSY, R2 (DECK 1)
48	82-ZM1-234-110		FLY-WHL ASSY, L (DECK 2)
48	82-ZM3-207-210		FLY-WHL ASSY, L2 (DECK 1)
49	82-ZM3-206-010		BELT, R
50	82-ZM1-245-210		HLDR, IC
51	82-ZM3-201-010		HLDR, MC
52	82-ZM3-202-010		PULLEY, MOT 2M
53	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
54	80-ZM6-243-010		SH, 1.75-3.6-0.5 SLT
55	80-ZM6-230-010		SH, BELT
56	86-575-242-010		CUSH-G, DIA3.7-9-3.2
57	86-575-361-010		CUSH-G, 6-8-0.8
58	82-ZM3-205-010		BELT, L
59	82-ZM3-204-010		PULLEY, COUPLER (DECK 1)
A	87-585-036-410		UIT+2-8
B	80-ZM6-207-010		V+1.6-7
C	82-ZM1-309-010		S-SCRW, MOTOR
D	87-067-178-010		VTT+2.6-3
E	87-067-932-010		PW, 2.15-6.8-0.5 SLT
F	87-067-972-010		PW, 1.05-3-0.25 SLT

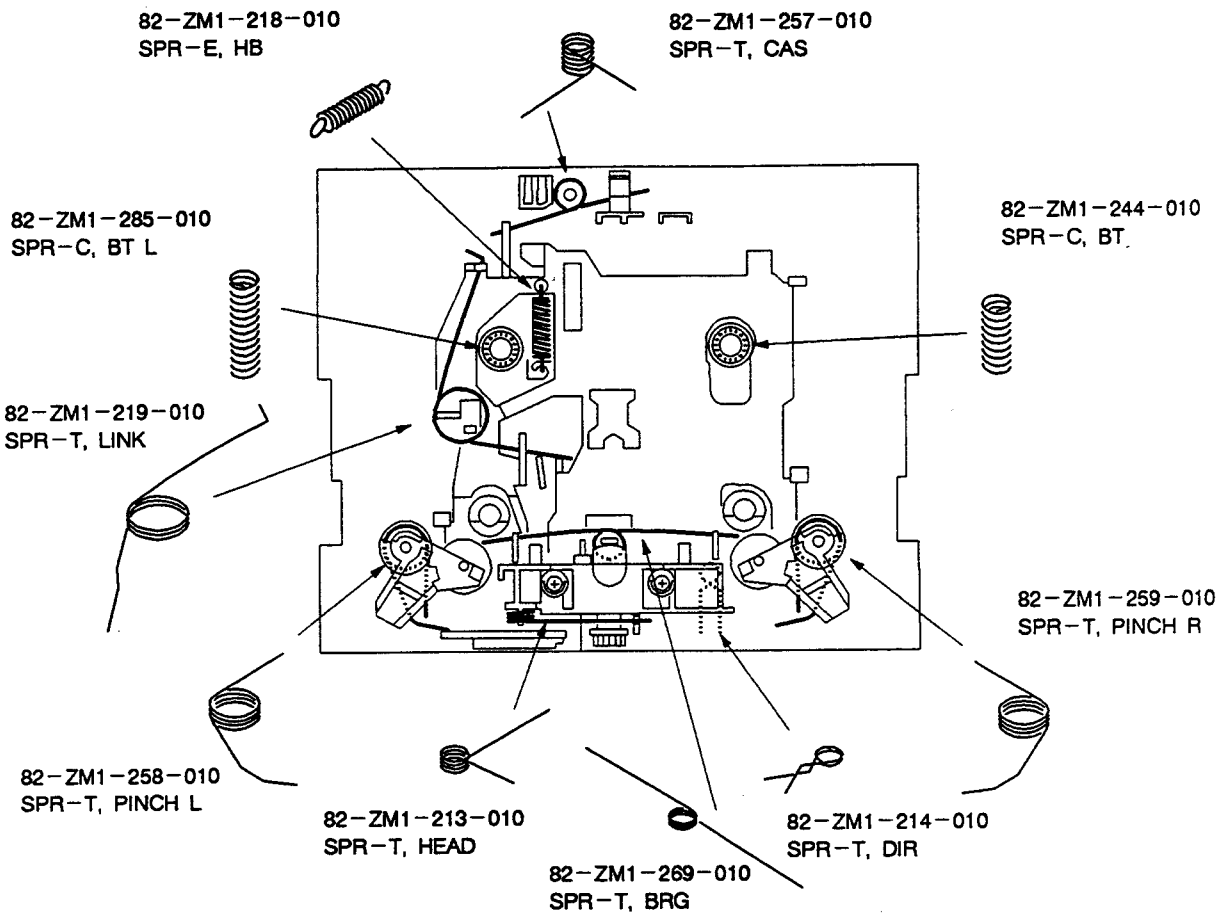
CD MECHANISM EXPLODED VIEW 1/1

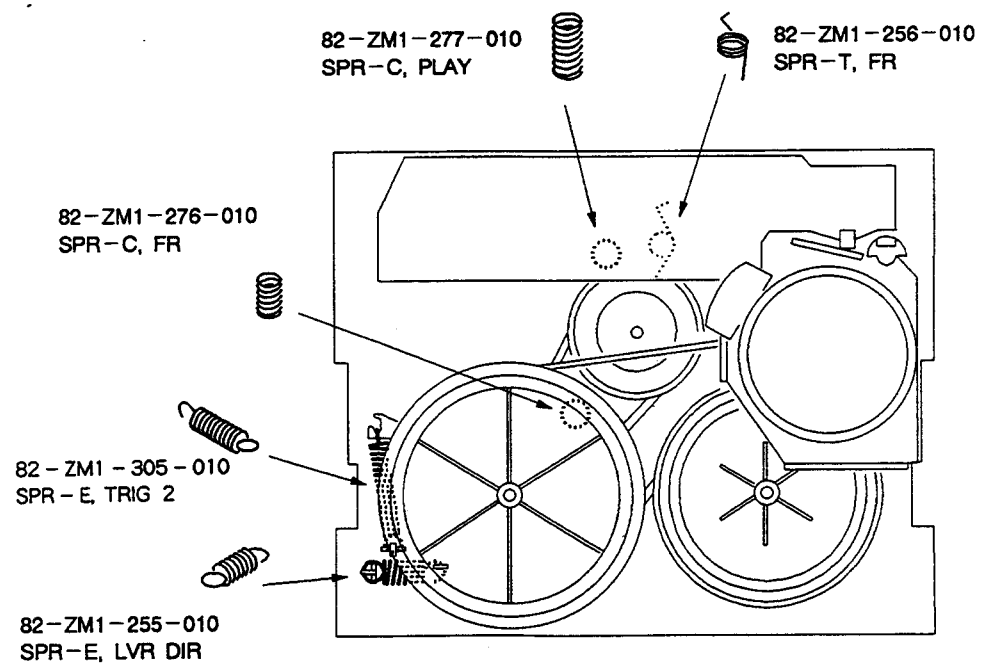


CD MECHANISM PARTS LIST 1/1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	9X-262-513-310		T.T CHASS ASSY W/MOTOR
2	92-625-188-020		GEAR A
3	92-625-544-010		COVER
4	92-625-187-010		RING, CENTER
5	92-625-191-010		SPRING COMPRESSION
6	98-848-127-110		PICK UP KSS-210A
7	94-917-565-010		SHAFT SLED
8	91-572-085-110		LEAF SW (LIMIT)
9	9X-262-513-210		SLED MOTOR ASSY
10	91-564-722-110		CONNECTOR 6P
A	87-261-032-210		V+2-3

SPRING APPLICATION POSITION





MODEL NO.

SX-N707

■ SPEAKER LIST

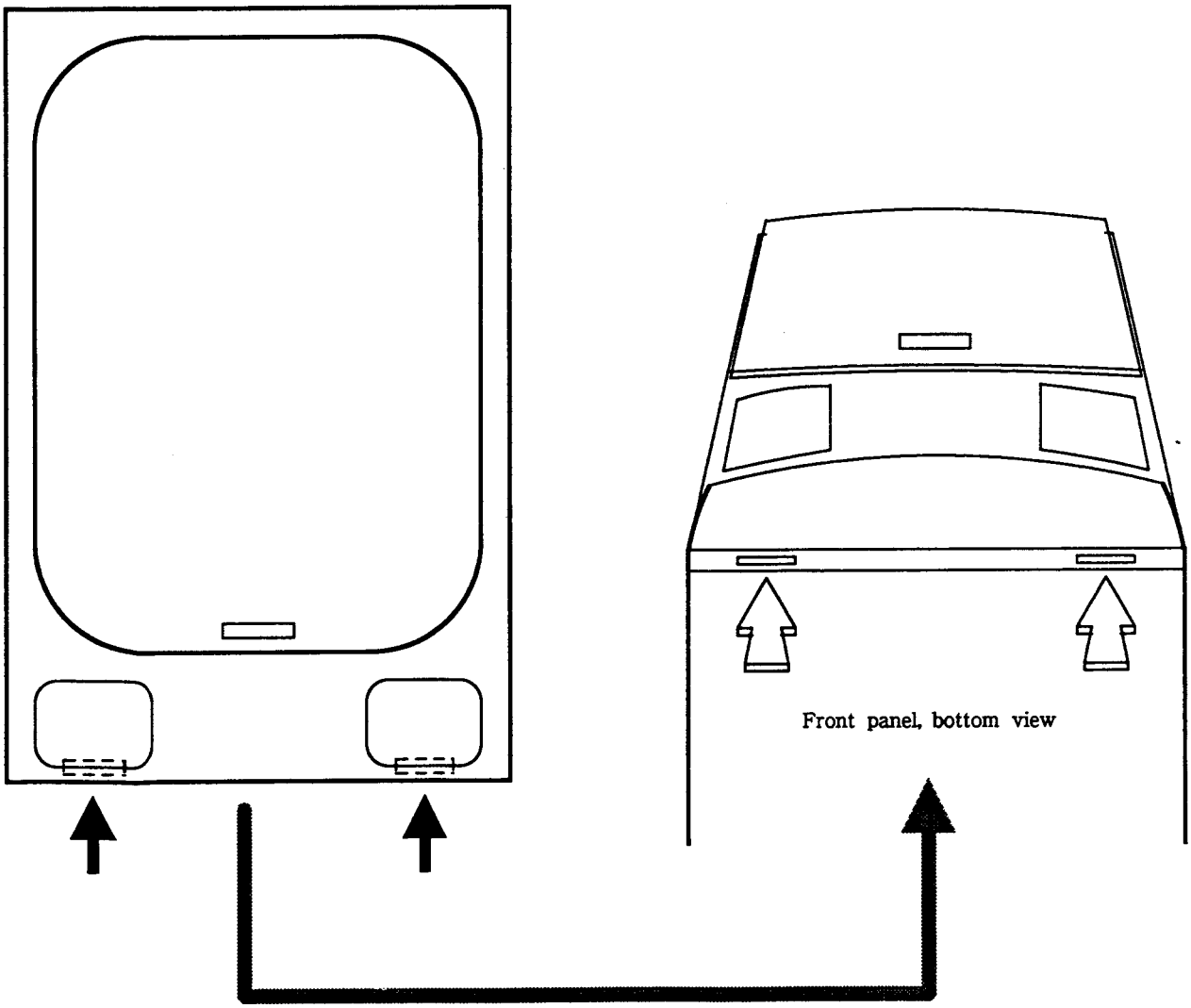
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
	82-NS2-001-010		PANEL FR〈YJB〉
	82-NS2-002-010		PANEL FR〈YB, YUB〉
	82-NS2-007-010		PANEL FR〈YJN〉
	82-NS2-008-010		PANEL FR ST〈YST〉
	82-NS1-004-010		RING W〈EXCEPT YJN〉
	82-NS2-009-010		RING W〈YJN〉
	82-NS2-006-010		RING TW ASSY〈EXCEPT YJN〉
	82-NS2-010-010		RING TW ASSY〈YJN〉
	82-NS2-602-010		SPEAKER WOOFER
	82-VS1-603-010		SPEAKER TWEETER
	83-096-614-010		SPEAKER CORD
	82-NS2-610-010		TERMINAL ASSY
	82-NS1-008-010		GRILL FRAME ASSY

■ DISASSEMBLY INSTRUCTIONS

- Insert a flat – bladed screwdriver into the position indicated by the arrows (shown in the below figure) and remove the front panel and tweeter. Remove the screws of each speaker unit and then remove the speaker units.

- SX – N707 (3 WAY SPEAKER SYSTEM)



■ACCESSORIES／PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
1	82-NT2-904-010		IB, E(G)〈E, Z〉
2	82-NT2-905-010		IB, H(G)〈E, K, Z〉
3	82-NT2-903-010		IB, H(S)〈HE, LH, HR, U〉
4	82-NT2-906-110		IB, H(B)〈HE, LH〉
5	82-NT2-022-010		RC-TN707〈EXCEPT HE〉
6	82-NT2-053-010		RC-TN707(N)〈HE〉
7	87-006-226-010		AM LOOP ANT CON2〈E, K〉
8	87-006-225-010		AM LOOP ANT NC2〈EXCEPT E, K〉
9	81-748-632-010		FEEDER-ANT, FM N〈EXCEPT Z〉
10	87-043-106-010		FM, WIRE ANT〈Z〉
11	87-042-062-010		PLUG, ADPTR S-16115〈HR, HE〉
12	87-009-724-010		PLUG, ADPTR IR39〈LH〉
13	87-009-725-010		PLUG, ADPTR IR40〈HE〉

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, CERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
ｻｰｼﾞｻﾌﾟﾚｯｻ	SERGESUPPRESSOR
ｾﾗｺﾝ	CAP, CERA

サービス技術ニュース	
番号	連絡内容
G－　－	
G－　－	
G－　－	

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BAT, CONTACT ASSY	BATTERY CONTACT ASSY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
KNOB, VOL REV	KNOB, VOLUME REV
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTORL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOADING MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
SW	SWITCH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ｼｸｱｰﾑ	ARM, SHAFT
ｼｸｶﾞｲﾄﾞ	GUIDE, SHAFT
ｽﾄﾗｯﾌﾟ	STRAP
ﾋﾝｼﾞ	HINGE

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